

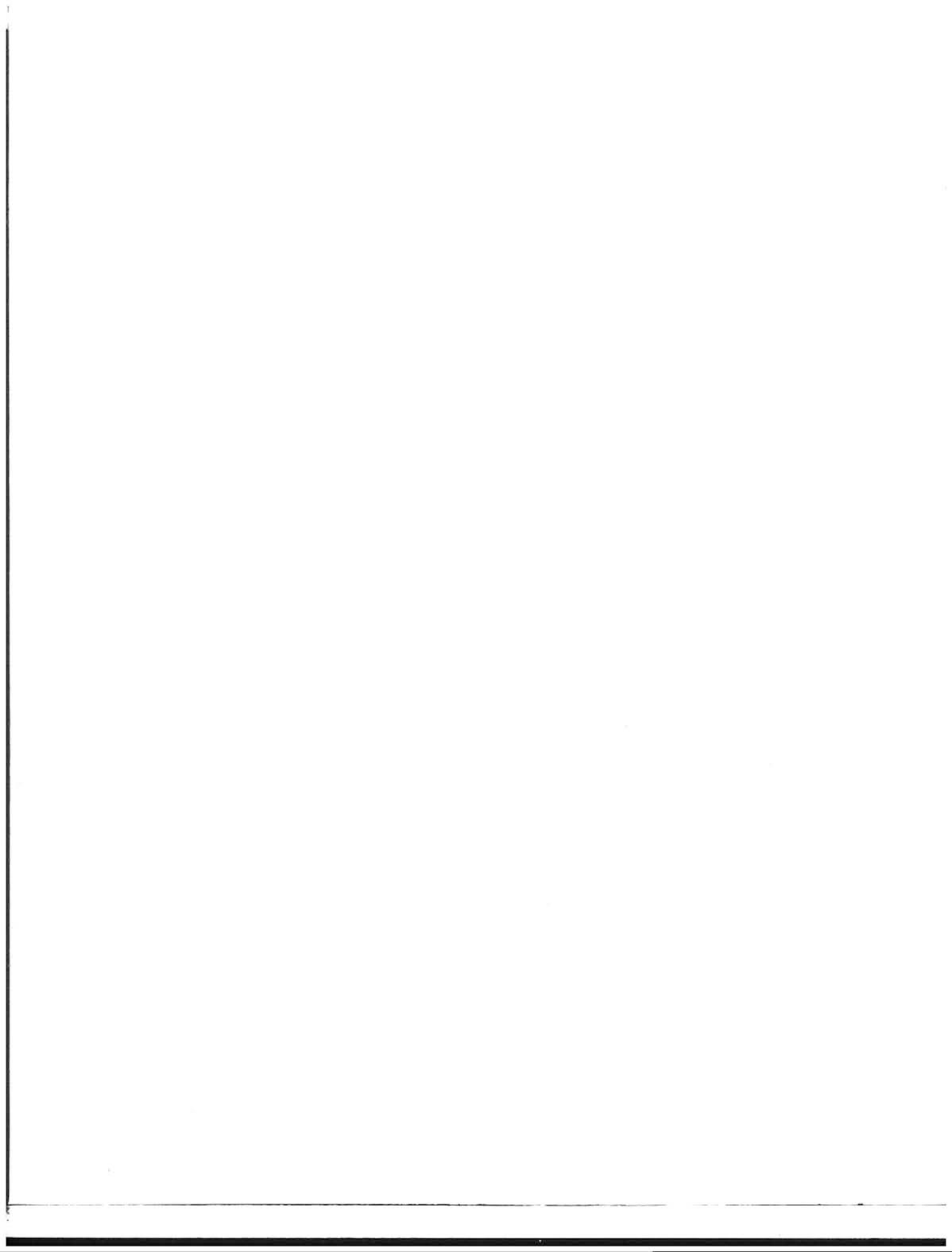
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**Thermometry as a tool for determining the hydrologic  
properties of the vadose zone**

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University of Nevada, Reno, 1988

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Reno

**Thermometry as a Tool for Determining the Hydrologic  
Properties of the Vadose Zone**

A thesis submitted in partial fulfillment of the requirements  
for the  
degree of Master of Science in Hydrology/Hydrogeology

by

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December 1988

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## ABSTRACT

An attempt was made to determine the hydrologic properties of the soil zone *in situ* and whether recharge events could be delineated utilizing subsurface soil temperatures. Temperatures recorded at an experimental site and from a large areal survey in Dixie Valley, Nevada were used. During periods of dry weather, the thermal properties and the volumetric water content were determined. Thermal diffusivities ranged from  $2.7$  to  $4.0 \times 10^{-3} \text{ cm}^2 \text{ sec}^{-1}$ ; thermal conductivities ranged from  $1.2$  to  $1.7 \times 10^{-3} \text{ cal cm}^{-1} \text{ sec}^{-1} \text{ }^\circ \text{C}^{-1}$ . Volumetric water contents decreased from  $0.30$  to  $0.25$  over fifty days indicating gradual drying of the soil. Percolation of rainfall was discernible in subsurface temperature curves in both the soil column and fluid-filled PVC pipes; not only were maxima decreased, but also minima increased. During and immediately after precipitation events, thermal diffusivities increased to  $4.5 \times 10^{-3} \text{ cm}^2 \text{ sec}^{-1}$  while thermal conductivities decreased to less than  $7.0 \times 10^{-4} \text{ cal cm}^{-1} \text{ sec}^{-1} \text{ }^\circ \text{C}^{-1}$ . Volumetric water contents could not be determined due to the presence of swelling clays. Darcian velocity was estimated from the delay in suppression of the diurnal temperature wave at successive depths and was found to be as high as  $2.8 \times 10^{-3} \text{ cm sec}^{-1}$ .

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## I. INTRODUCTION

Infiltration and percolation rates through the soil surface and soil column respectively have been studied widely, leading to the formulation of what Hillel (1980) suggests are "idealized" theories. Hillel (1980, p. 214) says "All too often, our theories and models have been validated, if at all, only in highly artificial sets of laboratory produced conditions." Some of the early formulations imply that surface ponding occurs from time zero onwards (Green and Ampt, 1911; Philip, 1957). While neither the Horton (1940) nor the Holtan (1961) formulation requires such surface ponding, each includes several characteristic constants which must be evaluated experimentally. In addition, the Holtan equation includes a characterizing constant ( $M$ ) which describes the water storage capacity of the soil (total porosity minus antecedent water) above the first impeding layer. The meaning of  $M$  where no impeding layer is present has not been specified.

Solutions to the Darcian equation for flow in unsaturated porous media have required very specific conditions. Philip's (1957 and 1969) solutions require an infinitely deep, uniform soil of constant initial wetness. Many researchers (Philip and de Vries, 1957; Taylor and Cary, 1960, 1964; Cary and Taylor, 1962a,b; Cary, 1966; Hadas, 1968; and Cassel et al., 1969), however, have shown that temperature gradients within a soil column can cause movement of soil moisture and thus variability of soil moisture throughout the soil column. Also to be noted is that few soils in nature can be considered uniform. Miller and Gardner (1962) have shown that with heterogeneity, soil moisture and thus unsaturated conductivity exhibit abrupt discontinuities at layer boundaries. An investigation conducted by Rubin (1966) involving non-ponding rainfall infiltration assumed that the soil was uniform and stable (no swelling nor surface crusting due to raindrop compaction).

Typically, the infiltration process has been considered as the advancement of a smooth wetting front which, having wetted the soil above it, moves downward. However, due to the variability of rainfall intensity and intermittence, respite periods (lower intensity rainfall or no rainfall) allow surface soil moisture to decrease because of internal drainage. After the respite, rainfall is absorbed more readily at first, but soil infiltrability quickly decreases to, or even below, the value it had prior to the respite (Busscher, 1979). Field and laboratory experiments conducted by Bruce and Whisler (1973) which accounted for both variable intensity rainstorms and heterogeneous soil profiles, while showing reasonable agreement with theoretical predictions for undisturbed sod cover, encountered problems with bare soils due to crusting from raindrop compaction.

The foregoing suggests that a different approach based on a more easily measured variable than soil moisture content or suction head may be useful. It is the intention of this researcher to utilize the temperature profile of the soil column to investigate percolation rates and other hydrologic properties. Depending on the temperature of percolating precipitation as compared to that of the soil surface and column, water can act either as a heat source or heat sink. During the summer, when the upper levels of the soil column are heated, percolating colder rainwater acts as a heat sink for the soil column until the temperature of the water reaches that of the soil column. In winter, when rainfall temperature may exceed the soil temperature, infiltrating rainfall will act as a heat source (Miller, 1978).

During 1979, 247 one-meter-long polyvinyl chloride (PVC) pipes filled with a 25/75 percent mixture of ethylene glycol (antifreeze) and water were emplaced vertically in the upper soil column throughout Dixie Valley, Nevada. The 2.54-cm (ID) pipes were emplaced along the Stillwater Range bajada and in the valley. Measurements of the ambient air temperature and the bottom-hole temperatures

(1.0 m below the ground surface) were recorded monthly for six consecutive months (April through September). Some top- and middle-hole temperatures were also recorded. While the main focus of the 1979 study was to determine if geothermal waters at depth could be delineated using shallow soil temperatures, an important result of the investigation was the detection of lower temperatures on the alluvial fans directly below areas where mountain canyons entered the valley. Campana et al. (1980) believed these lower temperatures were the result of groundwater flow, possibly mountain front recharge or previous undocumented infiltration events. Because only very limited data on precipitation events were available, the determination of the cause of the temperature suppression could not be made. Flash flooding, which occurred in July 1979, along portions of the Stillwater Range bajada, was not visibly detected in subsequent temperature data (Campana et al., 1980), however, when average temperatures at 1.0 m on the flanks of the bajada were compared with average temperatures at 1.0 m immediately downgradient from a canyon mouth a temperature depression was noticeable (Ingraham et al., 1982).

### **Purpose and Scope**

The objectives of the present study are: 1) to determine if the apparent temperature depressions in the 1979 data were the result of moving groundwater, infiltrating precipitation or simply a function of diurnal or "weather" fluctuations; and 2) to attempt to quantify the amount of recharge and rates of percolation necessary to produce a specific depression in shallow soil temperatures.

The study was accomplished in four phases. The first phase evaluated the use of water/antifreeze filled PVC pipes to determine the temperature of the adjacent soil column. This phase included an evaluation of the effect of diurnal

temperature fluctuations and "weather" on temperatures within the PVC pipes as compared with the soil column itself. The second phase attempted to determine the thermal diffusivity of a soil column using the lag time between diurnal wave fluctuations at different depths within the soil column. The third phase attempted to determine rates of infiltration of percolating precipitation from successive depressions in the temperature waves at depth caused by the downward movement of the wetting front. Lastly, changes in the thermal diffusivity were correlated to changes in soil moisture content. To facilitate the investigation, an experiment utilizing both PVC pipes and the soil column itself was conducted in Reno, Nevada.

### **Previous Work**

The only shallow temperature survey conducted in Dixie Valley was conducted by Campana et al. (1980) utilizing the PVC antifreeze/water system mentioned earlier. However, shallow temperature surveys to determine subsurface geological phenomena have been utilized for some time. The earliest work done was conducted by van den Bouwhijzen (1934) utilizing temperatures at 1.5 m depths to detect a buried fault zone in Holland. Detection of possible salt domes and faults near a natural gas field were the impetus for Poley and van Steveninck's (1970) two-meter temperature study. Several geothermal exploration surveys other than the Campana et al. investigation also utilized shallow soil temperatures, notably Kintzinger (1956) who used one-meter temperatures to delineate the thermal effects in an area near Lordsburg, New Mexico where newly drilled wells discharged steam and boiling water. Kappelmeyer (1957) measured temperatures at 1.5 m depths to locate natural steam occurrences in Italy and to detect canal leakage in Germany. Banwell (1964) prospected the Wairakei hydrothermal area in New Zealand by means of a one-meter temperature survey. Combs (1975) was

less than enthusiastic about the results of shallow temperature surveys, stating that they had limited use for selecting deep-drilling geothermal sites because of their ineffective depth of penetration and the masking effects of shallow groundwater. Olmsted (1977) conducted a one-meter survey in Nevada and reported varying degrees of success in delineating temperatures and heat flow anomalies at greater depth. Miller (1978), using a one-meter survey in the Allen Springs-Lee Hot Springs area of Churchill County, Nevada, found evidence suggesting a structural control on the discharge portion of the hydrothermal system.

The simultaneous flow of heat and moisture through the soil column has been studied at great length by soil scientists. The approach set forth by Philip and de Vries (1957) and deVries (1958) is based on the concept of viscous flow of liquid water under the influence of gravity, capillary and adsorptive forces and on vapor movement by diffusion. Because the approach involves both volumetric moisture content- and temperature-dependent diffusivities, the usefulness of the theory is lessened by the difficulty of measuring the respective dependent diffusivities (Dirksen and Miller, 1966).

The irreversible thermodynamics approach formulated by Cary and Taylor (1962a,b), Cary (1963) and Taylor and Cary (1960, 1964) generated two phenomenological equations in which the fluxes of moisture and heat are expressed as linear functions of the moisture potential gradient and the temperature gradient. The equations involve four phenomenological coefficients which relate, in order, water flow to the water potential gradient, water flow to the thermal potential gradient, heat flow to the water potential gradient and heat flow to the thermal potential gradient, all of which are unknown functions. To determine these coefficients, simultaneous measurements of the water potential and temperature gradients as well as the heat and water fluxes must be made (Taylor and Cary,

1964). An attempt to determine these coefficients for a column of sand, made by Jury and Miller (1974), produced a zero value for transport of heat under a moisture content gradient and the experiment was not sufficiently accurate to yield quantitative estimates of the coefficient for transport of moisture under a temperature gradient.

In the field of hydrology, it has been known for some time that subsurface temperatures can yield important information on groundwater flow regimes. Stallman (1960) derived a partial differential equation which relates conductive and convective heat flow through a saturated porous medium. Solutions to this equation were derived by Bredehoeft and Papadopoulos (1965) for vertical water flow given specific boundary conditions. Cartwright (1970) applied the solution derived by Bredehoeft and Papadopoulos to groundwater discharge in the Illinois basin.

Other researchers have shown that groundwater flow in shallow aquifers affects subsurface temperatures. Cartwright (1968) used soil temperatures at depths of 0.50 m to prospect for shallow aquifers using the assumption that an aquifer acts as a heat sink. Birman (1969) used shallow soil temperatures in Johnson Valley, California to develop an empirical relationship between shallow subsurface temperatures and the depth to the water table. In Canada, Parsons (1970) studied the relationship between groundwater flow and subsurface temperatures in a glacial complex. Cartwright (1971) developed a model to demonstrate the effect of a shallow confined aquifer on soil temperatures. Supkow (1971) developed a "valley mapping function" to delineate zones of maximum groundwater flow in the Tucson basin groundwater reservoir. Cartwright (1974) used soil temperatures in parts of Illinois to show that the greater the groundwater flow, the greater the difference between temperatures of discharge and recharge areas.

Smith (1974) used a shallow temperature survey to prospect for a buried glacial aquifer, but was unable to distinguish a summer near-surface low-temperature anomaly which would have been indicative of a buried valley. He concluded that the depth of the aquifer (27-47 m) was too great to be affected by the summer portion of the annual temperature wave. Nightingale (1975) used annual temperature fluctuations at the Leaky Acres Recharge Project in California to estimate the rate and direction of recharged water movement. Boyle and Saleem (1979) used temperature-depth profiles in a non-pumping well correlated to the annual temperature wave to determine rates of vertical recharge through a semi-confining layer to a shallow dolomite aquifer in Illinois. Cartwright (1979) used subsurface borehole temperatures in an effort to determine the leakage rates through an aquiclude and found that where the subsurface geology was well understood, accurate measurements could be made.

Several researchers have used shallow soil temperatures to determine percolation rates. Suzuki (1960) proposed a formula relating the surface temperature profile to percolation rates beneath rice paddies. Using the basics of Suzuki's formulation, Stallman (1965) proposed a method for determining percolation rates in saturated porous media where percolation was constant and uniform. Birman et al. (1971) used temperature profiles to determine leakage rates through a small earthen dam. They concluded that large differences between expected temperatures and the observed were due to fluid transfer either removing or adding heat or by an increase in water content in the dry soils which make up the dam. Lachenbruch (1981) formulated a theory to determine percolation rates through unsaturated sediments whose properties vary with depth. The assumptions inherent in the formulation were that there was a constant mass flux across the surface boundary and that the surface temperature was constant.

## II. DESCRIPTION OF THE STUDY AREAS

### DIXIE VALLEY

Dixie Valley is located northeast of Fallon, Nevada in the southeast corner of Pershing County and the northeast corner of Churchill County (Figure 1). The study area is bounded by the Stillwater Range to the northwest and the Clan Alpine Mountains to the southeast. The area extends from Cottonwood Canyon in the north to Mississippi Canyon in the south. Figure 2 shows the distribution of shallow temperature recording sites.

### Subsurface Geology

Dixie Valley is located in the Basin and Range physiographic province where extensional tectonics throughout Quaternary time produced the horst and graben topography typical of the province (Bell, 1980). The schematic model of the valley (Figure 3), shows the valley structure to be a complex asymmetric graben. The innermost portion of the stepped graben structure may contain as much as 3000 m of alluvial fill (Thompson et al., 1967). The trend of the horst/graben structure is generally northeasterly. Normal faults (Bernice and Mississippi) and a left lateral fault (White Canyon) which are believed to pre-date the Quaternary extensional episode, but which are still active, trend east-west and north-south respectively (Whitney, 1980). The grabens, created by normal faulting, became sites of interior drainage in which were deposited clastic wedges of fluvial, alluvial and lacustrine origin (Bell, 1980).

The recent geologic history of the valley includes considerable seismic and geothermal activity. Three earthquakes of significant magnitude which resulted in displacement and rupture of the ground surface, have occurred during this century



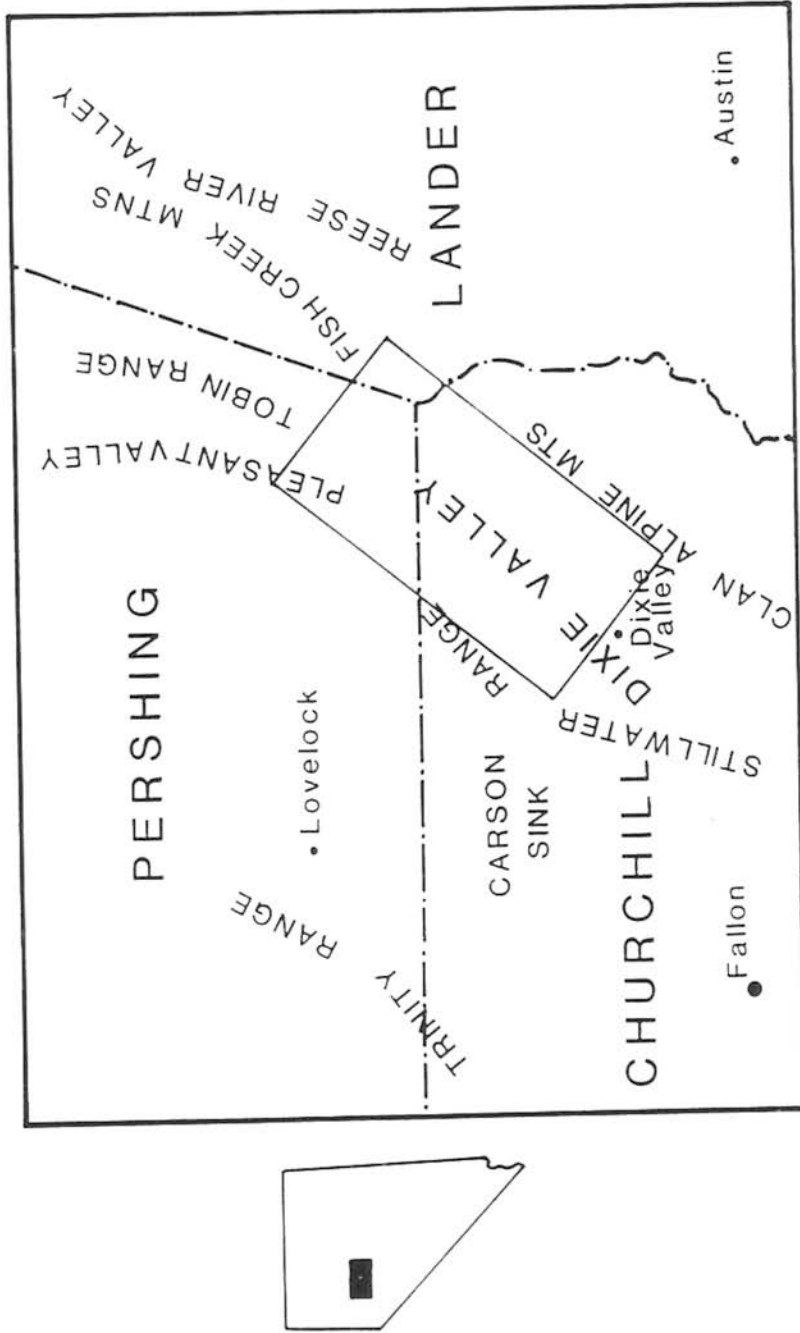


Figure 1. Index map of the Dixie Valley study area.

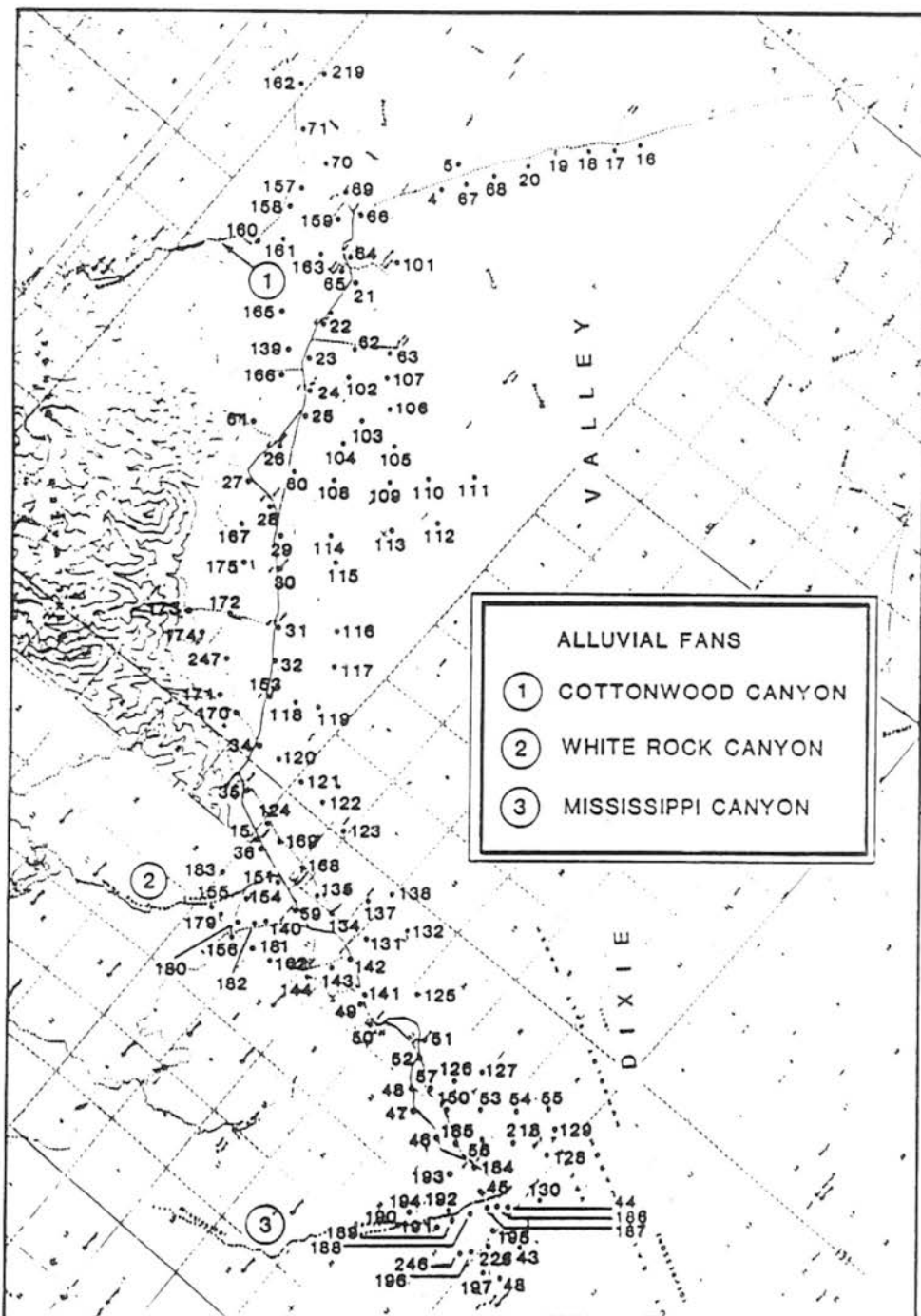


Figure 2. Shallow temperature recording sites (from Ingraham et al., 1982).

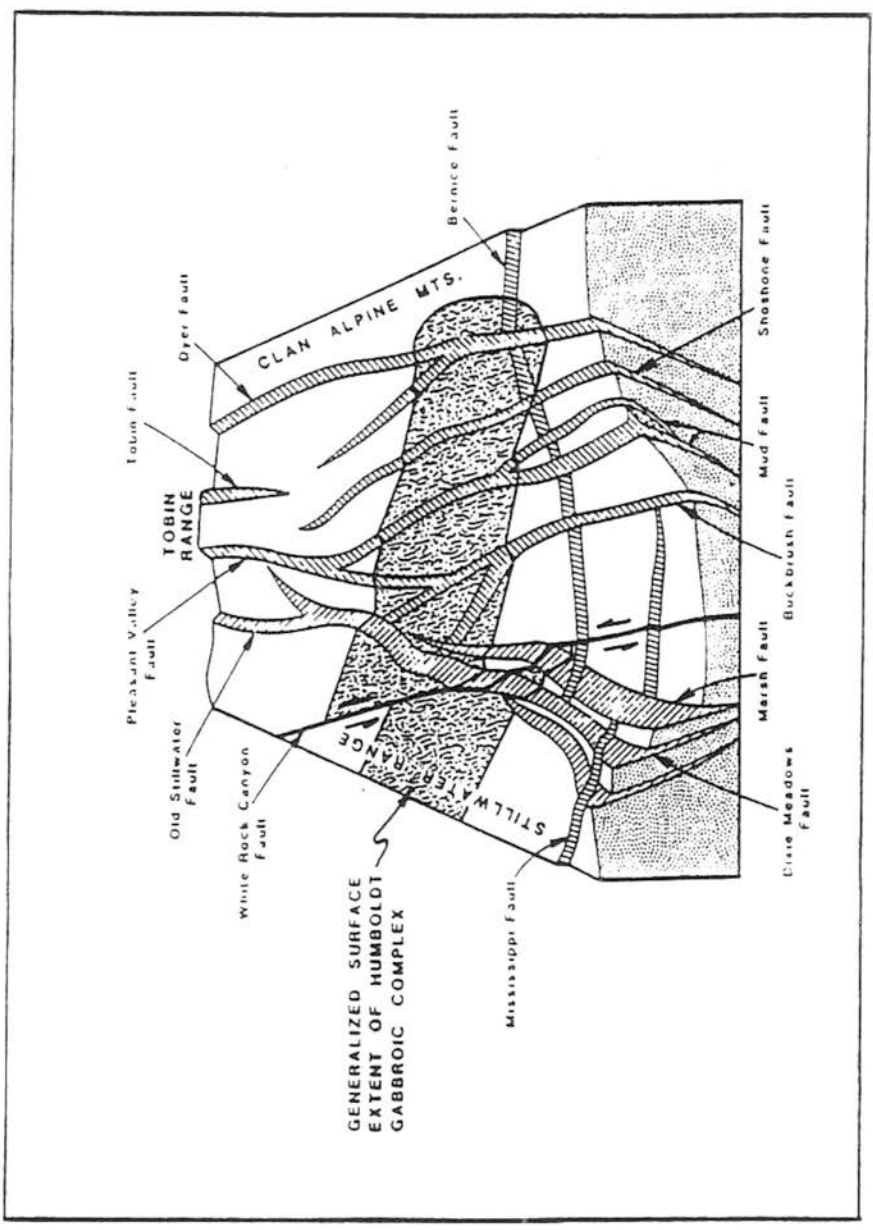


Figure 3. Three-dimensional model of the bedrock structure of the northern portion of Dixie Valley (from Whitney, 1980).

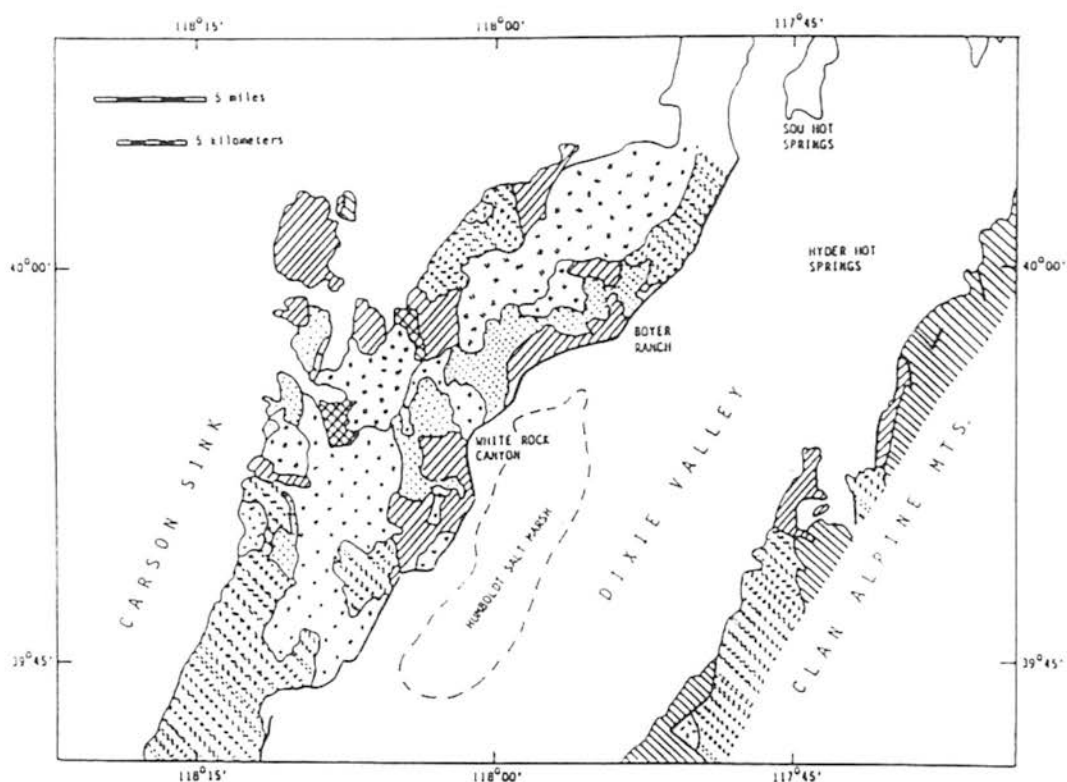
(Juncal and Bell, 1980). Geothermal activity in the area is the result of high mantle heat flow through a thin crust; the crust in Dixie Valley is believed to be only 18 km thick (Pakiser, 1963; Pakiser and Zeitz, 1965; Prodehl, 1970). There are numerous active hot springs and fumaroles in the valley. These include three large active hot spring systems: Dixie, Hyder and Sou Hot Springs. The Dixie Hot Springs system is comprised of 35 springs and seeps (Campana et al., 1980). Hyder Hot Springs are believed to be associated with the Shoshone Fault (Juncal and Bell, 1980). A group of ten fumaroles exists along the Stillwater Range front and are associated with the Old Stillwater Fault (Whitney, 1980; Juncal and Bell, 1980). The Senators, a group of fumaroles, are situated at the intersection of the eastern splay of the Buckbrush Fault and the Old Stillwater Fault. The Old Stillwater Fault is also delineated surficially by fumaroles (Whitney, 1980).

The mountain ranges are composed largely of folded and faulted Triassic and Jurassic metasiltstone and limestone overlain by Upper Jurassic rhyolitic to dacitic tuffs, welded tuffs and flows, andesite and basalt flows and tuffaceous sediments. Intrusions of gabbroic and dioritic rocks of probable late Mesozoic age are also prominent (Figure 4) (Meister, 1967).

### **Geomorphology**

Large alluvial fans sloping from the mountain ranges coalesce to form bajadas along the mountain fronts. An active playa dominates the valley floor, with the Humboldt Salt Marsh located within the southern portion of the playa. Photogeologic analysis of the area conducted by Whitney (1980) delineated five distinct geomorphic surfaces:

1. active alluvial fan surfaces;



## EXPLANATION

TERTIARY-- QUATERNARY	Plio-Pleistocene		Basalt & Andesite
	Pliocene (?)		Non-Marine Sediments & Tuffs
	Miocene (?)		Tuffs & Flows of Rhyolite, Dacite
TERTIARY & MESOZOIC			Undifferentiated Pre-Lahontan Sediments & Volcanics
			Granitic Intrusives
MESOZOIC	Upper Jurassic		Basalt Flows, Tuffs & Breccias
	Upper Jurassic		Gabbroic & Dioritic Intrusives
	Upper Triassic		Slate & Phyllite
			Fault

Figure 4. Geologic map of the Dixie Valley study area (from Juncal and Bell, 1980).

2. inactive or highly dissected alluvial fan surfaces;
3. surfaces developed by lacustrine processes;
4. composite or undifferentiated surfaces produced by aeolian, alluvial and lacustrine processes; and
5. the surface of the presently active playa.

The active alluvial fan surfaces, extending 6 km into the valley from the Stillwater Range and 4-11 km from the Clan Alpines, are composed of eroded bedrock material derived from nearby mountain ranges. They consist of clay-, silt-, sand-, and cobble- to boulder-sized material. In general, coarser and heavier material is being deposited near the apex of the fan with finer and lighter material carried further down the fan apron (Ritter, 1979; Hooke, 1960; 1967).

The older alluvial fan deposits, found mainly along the Clan Alpines and which are nearly absent on the more active Stillwater Range side of the valley, are similar to those of the active fans, but the older surfaces are undergoing degradation. The surfaces are highly dissected and surface cobbles are coated with desert varnish (Whitney, 1980).

During late Wisconsin glaciation (12,000 years b.p.) a lake contemporaneous with, but separated from Pleistocene Lake Lahontan, occupied Dixie Valley to a depth of 73 m (Juncal and Bell, 1980). The landforms produced by this lacustrine deposition include deltas, strandlines and longshore bars. The strandlines are sandy deposits presently being subjected to erosion. The delta deposits and longshore bars are relatively stable and consist of well-sorted cobbles, pebbles and silt with little, or no, primary clay or sand. They generally overlay old fan deposits. Locally, longshore bars have dammed pre-lacustrine drainage courses resulting in ponding of fine-grained (clay- and silt-sized) alluvium.

The "composite" geomorphic surfaces include the valley fill deposits. These undifferentiated deposits are predominantly silt with major amounts of clay and minor amounts of sand and gravel. These are believed to result from active aeolian and alluvial processes which are depositing predominantly finer particles. Occasional cobbles suggest that flash-flooding has carried larger material beyond the active alluvial fans.

The active playa deposits are composed of fine sand-, silt-, and clay-sized particles and salt crystals (predominantly sodium chloride). The center of the playa is marshy with active deposition of salts (Whitney, 1980).

### **Climate**

The climate of Dixie Valley is arid to semi-arid with high evapotranspiration and abundant sunshine. Daytime temperatures are hot in the summer and mild in winter; nights are cool or cold. The valley floor receives fewer than 20 cm of precipitation annually, while the upper portions of the adjacent ranges receive 30 cm or more. Recorded temperatures on the valley floor range from -24 °C to 43 °C.

### **Soils**

The moderately to poorly developed arid soils of the area largely reflect their geographic position. Soils within and adjacent to the playa are poorly drained with groundwater within 1.0 m of the surface. They are composed mainly of clay and silt and show little or no horizon differentiation (entisols). A surface salt crust or a salt horizon is present in some locations; vegetation is lacking.

The soils of the surrounding basin-fill plains are generally poorly drained. These soils are clays, silty clay loams or silty loams underlain by silt and clay

basin-fill deposits. They show little or no horizon development although they may have a salic horizon. All are saline. Greasewood (*Sarcobatus vermiculitis*), saltbush (*Atriplex lentiformis*), iodine bush (*Allenrolfea occidentalis*) and salt grass (*Distichlis spicata stricta*) are the most common plants (Alexander and Peterson, 1974).

Two different soils cover the alluvial fans. The toes of the fans are covered largely by loamy, well-drained soils showing a moderately fine textured subsurface where clay is accumulated (argillic or cambic horizon). Shadscale (*Atriplex confertifolia*) and greasewood are the predominant shrubs. Rabbit-brush (*Chrysothamnus*) inhabits the drainage courses and localized areas where the water table may be close to the surface. Farther up the fan where the slope is 4-15 percent, well-drained, loamy, skeletal (35 percent gravel or cobble) soils which generally show a weak argillic or cambic horizon are present. Typical vegetation is similar to the lower fan with the addition of sagebrush (*Artemisia spinescens*) and halogeton (*Halogeton glomeratus*) (Alexander and Peterson, 1974).

### Hydrology

Dixie Valley is one of seven valleys forming a single closed hydrographic unit in which Dixie Valley is the major groundwater sink for waters from Dixie, Fairview, Pleasant, Jersey, Eastgate, Cowkick and Stingaree Valleys (Cohen and Everett, 1963). The valley is believed to receive underflow directly or indirectly from the other six valleys. In Dixie Valley, groundwater moves radially from the valley margins towards the Humboldt Salt Marsh. The groundwater occurs in confined (artesian), semi-confined and unconfined (water table) aquifers in the unconsolidated sediments comprising the valley fill. Average annual precipitation is approximately  $5.62 \times 10^8 \text{ m}^3$ , of which  $7.4 \times 10^6 \text{ m}^3$  is believed to reach the



groundwater reservoir as recharge (Bohm et al., 1980). Most recharge is believed to originate in the Stillwater Range and the Clan Alpine Mountains (Bohm et al., 1980). Discharge is via the Humboldt Salt Marsh either by evapotranspiration or direct evaporation (Bohm et al., 1980).

## **EXPERIMENTAL SITE**

The control experiment is located in the Dandini Research Park, approximately 8 km north of Reno, Nevada. The site is situated on the west sloping face of a hillock at 1,510 m above sea level.

### **Climate**

The Reno area is an arid to semi-arid high desert environment; days are hot in the summer and generally mild in winter while nights are cool or cold. Temperatures range from -0.1 to 21 °C. Mean annual precipitation is approximately 18 cm (Bonham, 1969).

Except where noted, the following description of the physical environment has been garnered from the Environmental Folio Series, Reno Quadrangle published by the Nevada Bureau of Mines and Geology (1974):

### **Subsurface Geology**

The rock underlying the hillock on which the Dandini Research Park is situated is composed of Tertiary andesite flows which have been intruded by fine-grained diorites and granodiorites of nearly the same age (Bonham, 1988, personal communication). Exposed rock has been altered hydrothermally to a cream colored, iron-stained rock composed of quartz, sericite and clay.

## Soils

The soils at the experiment site are Xerollic Haplargids containing greater than 35 percent by weight clay, the major constituent being montmorillonite. They are generally classified as being shallow where the depth to a duripan or soft bedrock is less than 50 cm. During auguring, the soils were found to be very dry, silty clay to 10 cm, and firmly packed silty clay to 1.75 m. Occasional rocks (some larger than 10 cm in diameter) impeded auguring.

Big sagebrush (*Artemisia tridentata*), green rabbit-brush (*Chrysothamnus viscidiflorus*) and various grasses sparsely populate the area of the site. The actual site of the experiment is bare soil.

### III. THEORY OF HEAT TRANSPORT

Heat can be transferred or transported through a medium by three different mechanisms: 1) radiation; 2) conduction; and 3) convection. Regardless of the transfer mechanism, a spatial gradient in temperature must exist and heat is always transferred in the direction of decreasing temperature. Heat can be transported in a fluid from a region of lower temperature to one of higher temperature, however, the direction of heat energy transfer is from the warmer to the cooler substance.

#### Radiation

Thermal radiation is due to the ability of matter to emit and absorb electromagnetic rays. Neglecting the input of geothermal energy, the energy which heats a soil surface comes from the sun. The short wave absorptivity of a soil surface depends on the nature of the surface (roughness, color and vegetative cover) and its water content. A secondary source of heat is derived from longwave radiation from the atmosphere. Of the incoming radiation, a large fraction of the shortwave and longwave radiation is reflected back to the atmosphere almost instantaneously after having penetrated to a depth less than one-half the wavelength of the incident rays (Kuo, 1968; Sabins, 1978). That which is not reflected back to the atmosphere is absorbed by the soil, thus heating the surface. At the same time, the earth is emitting longwave radiation back to the atmosphere. Cooling of the earth's surface is accomplished by the emission of longwave radiation in the absence of incoming solar radiation. The total surface radiant energy balance is (Hillel, 1980):

$$J_n = S + A + LE \quad (1)$$

where  
 $\rho$  is the density of all  
 the material on the surface  
 of the sphere above  
 the level (E)  
 (i.e.)  
 the area (A)  
 of the sphere  
 (2)

where  
 $\rho$  is the density of the material  
 required to  
 form the shell (less), the  
 thickness of the shell  
 and the magnitude of  
 the force of attraction  
 is appreciably  
 constant. It is rela-  
 tively small outward

where

$J_n$  = net radiation, the sum of all incoming radiation minus the sum of all outgoing radiation ( $\text{cal cm}^{-2}\text{day}^{-1}$ );

$S$  = soil heat flux, the rate at which heat is transferred from the soil surface down into the soil profile ( $\text{cal cm}^{-2}\text{day}^{-1}$ );

$A$  = the "sensible" heat flux transmitted from the surface to the air above ( $\text{cal cm}^{-2}\text{day}^{-1}$ ); and

$LE$  = the evaporative heat flux, the product of the evaporative rate ( $E$ ) and the latent heat per quantity of water evaporated ( $L$ ) ( $\text{cal cm}^{-2}\text{day}^{-1}$ ).

The governing equation for the rate of energy ( $q_r$ ) radiated from an area ( $A$ ) is (Hillel, 1980):

$$q_r = \epsilon \sigma A T^4 \quad (2)$$

where

$T$  = absolute temperature ( $^{\circ}\text{K}$ );

$\epsilon$  = emissivity which is governed by the kind of surface and the temperature (dimensionless); and

$\sigma$  = Boltzmann constant ( $1.17 \times 10^{-7} \text{cal cm}^{-2}\text{day}^{-1} \text{ } ^{\circ}\text{K}^{-4}$ ).

Over long periods of time, the proportion of the net radiation ( $J_n$ ) required to heat the soil is very small; however, for short periods of time (one day or less), the proportion may be considerable (Hanks and Ashcroft, 1980). If the amplitude of the diurnal temperature variation at depth does not increase or decrease appreciably over several days, one can consider that the net loss or gain of heat is relatively small. During the night, the surface is cooled by energy radiating outward

to the atmosphere, while being warmed by the flow of energy from the soil column. Hence, for a relatively dry, bare soil, the energy gained during the day would be lost at night (Neuman, 1972). Therefore, the net radiation during the night can be considered to be the soil heat flux (S) during the day (Hanks and Ashcroft, 1980) if one neglects the geothermal heat flux,  $1-2 \times 10^{-6} \text{ cal cm}^{-2}\text{sec}^{-1}$  for continental regions (Lachenbruch, 1981).

Because solar radiation fluctuates over a 24 hour period, it is to be expected that the temperature of the earth's surface would exhibit a similar periodicity. West (1952) recorded air temperatures over a 48 hour period and found that fluctuations in the air temperatures closely approximated the sine function according to the equation

$$T(t) = a \sin \frac{2\pi t}{p}$$

Scientists, including West (1952), measuring soil surface temperatures have found that these temperatures also oscillate as a harmonic function (Figure 5) around a mean temperature according to the equation

$$T(0,t) = T_m + a \sin \frac{2\pi t}{p} \quad (3)$$

where

$T(0,t)$  = temperature at the surface at time  $t$  ( $^{\circ}\text{C}$ );

$T_m$  = mean temperature ( $^{\circ}\text{C}$ );

$a$  = amplitude of the temperature wave ( $^{\circ}\text{C}$ );

$p$  = period of the sine wave (t); and

$t$  = time.

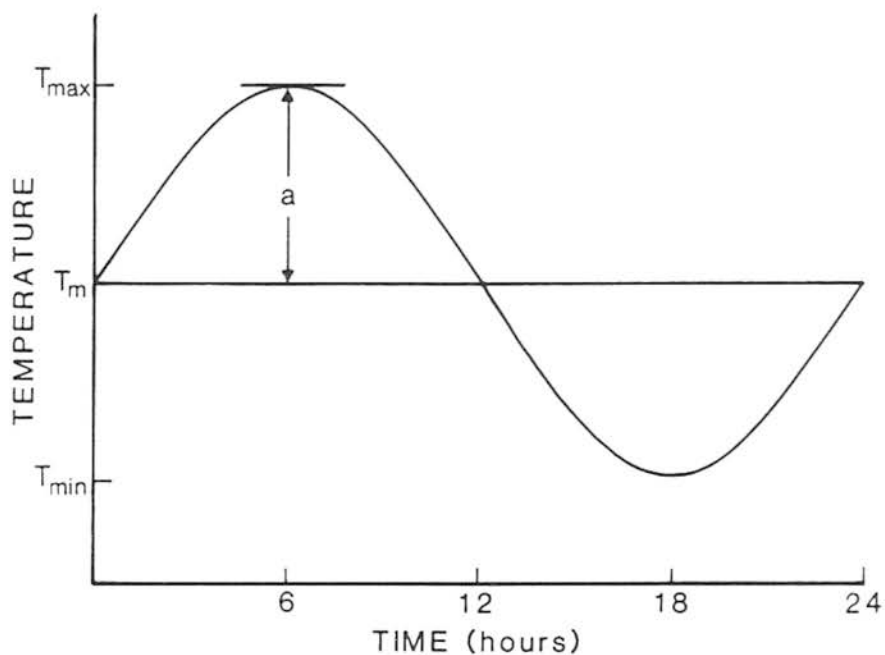


Figure 5. Idealized daily fluctuation of surface soil temperatures (after Stallman, 1965).

### Conduction

Heat conduction is due to the property of matter which allows the passage of heat energy as a microscopic exchange of energy between electrons, atoms and molecules. The rate at which a porous medium increases in temperature depends on the rate at which applied heat is conducted through the medium, and the heat capacity of the medium. Heat capacity is defined as the amount of heat a particular volume of a material stores before its temperature increases a particular amount. The gravimetric heat capacity ( $c$ ), the number of calories of heat required to raise the temperature of one gram of material one degree Celsius ( $^{\circ}\text{C}$ ), has units of calories per gram  $^{\circ}\text{C}$ . The volumetric heat capacity, which is defined as the number of calories required to raise the temperature of one cubic centimeter

( $\text{cm}^3$ ) of material one degree Celsius is simply the product of the gravimetric heat capacity and the density of the material. It has the units of  $\text{cal cm}^{-3} \text{ } ^\circ\text{C}^{-1}$ .

The quantity of heat ( $Q$ ) passing through a material between two points ( $z_1$  and  $z_2$ ) is given by Fourier's law

$$Q = -K_z A \frac{(T_2 - T_1)}{(z_2 - z_1)} \quad (4)$$

where

$K_z$  = the thermal conductivity of the material in the  $z$ -direction  
( $\text{cal cm}^{-1} \text{sec}^{-1} \text{ } ^\circ\text{C}^{-1}$ );

$A$  = the cross-sectional area normal to the direction of heat transfer ( $\text{cm}^2$ );

$T_1$  and  $T_2$  = the temperatures at points  $z_1$  and  $z_2$  respectively ( $^\circ\text{C}$ ); and

$z_2 - z_1$  = distance between points  $z_1$  and  $z_2$  (cm).

The negative sign indicates that the temperature decreases as the distance in the direction of flow increases. The one-dimensional differential form of the heat flow law is

$$Q = -K_z A \frac{dT}{dz}. \quad (5)$$

The heat flux, the quantity of heat flowing across a unit area of the material, is then given by

$$F_z = \frac{Q}{A} = -K_z \frac{dT}{dz}. \quad (6)$$

Combining the heat flux equation with the continuity equation

$$\rho c \frac{\partial T}{\partial t} = -\nabla \cdot q \quad (7)$$

where

$\rho c$  = the volumetric heat capacity of the material ( $\text{cal cm}^{-3} \text{ } ^\circ\text{C}^{-1}$ ); and



$\nabla \cdot$  = divergence operator

gives the differential equation for the one-dimensional unsteady flow of heat

$$\rho c \frac{\partial T}{\partial t} = K_z \frac{\partial^2 T}{\partial z^2}. \quad (8)$$

Utilizing a constant called the thermal diffusivity (D) of the material, which is defined as a measure of the rate at which a material heats (or cools) in response to a temporal thermal gradient ( $\frac{\partial T}{\partial t}$ ), where

$$D_z = \frac{K_z}{\rho c} \quad (9)$$

yields the equation

$$\frac{\partial T}{\partial t} = D_z \frac{\partial^2 T}{\partial z^2} \quad (10)$$

for one-dimensional heat flow in the z-direction where  $D_z$  is constant.

The solutions to equation 10 describe temperature as a function of both depth and time for the assumption that neither the thermal conductivity nor the volumetric heat capacity varies in space or time. Where these components do vary, the solution to this equation can only be accomplished numerically using the Fourier Series approximation of temperature waves, or by the sine wave approximation (Kirkham and Powers, 1972).

de Vries (1952), studying heat transport in different porous materials, found that in the absence of moving water, heat transfer was primarily due to conduction. Similarly, Kuo (1968), using temperature curves at various depths taken at O'Neill, Nebraska during the summer of 1953 has shown that where temperature curves at depth show an attenuation of amplitude and an increase in phase with distance from the surface, propagation of temperature from the surface is accomplished essentially via classical heat conduction theory.

### Convection

Heat convection is heat transport by moving matter. The governing equation for the transport of energy via convection is (Jacob and Hawkins, 1957):

$$Q_h = hA\Delta T \quad (11)$$

where

$h$  = the heat transfer coefficient, which is dependent on the shape and dimensions of the surface, the direction and velocity of flow and the temperature, density, viscosity, specific heat and thermal conductivity of the fluid ( $\text{cal cm}^{-2}\text{sec}^{-1} \text{ }^\circ\text{C}^{-1}$ ).

Simply stated, this equation says that an invariable temperature difference,  $\Delta T$  between the area  $A$  and the fluid in contact with it, causes a steady heat flow  $Q_h$ .

### Combined Conduction and Convection

Where liquid flows through a porous medium, heat is transported simultaneously via conduction and convection (Stallman, 1967). As cool water percolates through a warmer porous medium, water molecules along the leading edge of the wetting front conduct heat from the adjacent pore grains thus increasing the temperature of the water while reducing the temperature of the porous medium. The actual mechanism of heat transfer is by conduction at the solid-fluid interface, and convection of the heat away from that region.

The heat balance equation under steady state conditions is (Jacob and Hawkins, 1957):

$$Q_a = Q_b + Q_c \quad (12)$$

where

$Q_a$  = the heat flow by conduction originating at the surface, which equals

$$Q_a = -K_z A \frac{dT}{dz}; \quad (13)$$

$Q_b$  = the heat flow via conduction through the solid, which equals

$$Q_b = Q_a - K_z A \frac{d^2 T}{dz^2} dz; \quad (14)$$

and

$Q_c$  = the heat given up by the solid via convection, which equals

$$Q_c = h(C_1 dz)(T - T_e) \quad (15)$$

where  $(T - T_e)$  is the excess of temperature of the solid above the fluid and  $(C_1 dz)$  is the differential slice through which heat is given up to the fluid.

Thus

$$\frac{\partial^2 T}{\partial z^2} = \frac{hC_1}{K_z A} (T - T_e). \quad (16)$$

Combining equation 16 with equation 10 yields

$$\frac{\partial T}{\partial t} = D_z \frac{hC_1}{K_z A} (T - T_e). \quad (17)$$

Such an analysis assumes that the temperature of the fluid convecting heat away from the solid is constant; however, in the case of water moving through a soil, the temperature of the water varies with depth.

#### IV. SINE WAVE APPROXIMATION TO SOIL HEAT FLOW

As noted earlier, the soil surface temperatures fluctuates according to the equation

$$T(0,t) = T_m + a \sin \frac{2\pi t}{p} \quad (18)$$

West (1952) plotted soil temperatures recorded at different depths and found that at depth, the diurnal fluctuations also resembled sine wave functions (Figure 6a). Subsurface soil temperatures recorded at O'Neill, Nebraska showed a similar periodicity (Figure 6b, Kuo, 1968). As can be seen from West's graphs, the maxima and minima occur at later and later times and the amplitude decreases as the depth of measurement increases.

Taking the instantaneous soil temperature to be

$$\frac{\partial T}{\partial t} = D \frac{\partial^2 T}{\partial z^2} \quad (19)$$

with the boundary conditions

$$T(z,t) = T_m + a \sin \frac{2\pi t}{p} \quad \text{for } z=0, t>0$$

and

$$\lim_{z \rightarrow \infty} T(z,t) = T_m$$

and letting

$$\frac{2\pi}{p} = \omega \quad (20)$$

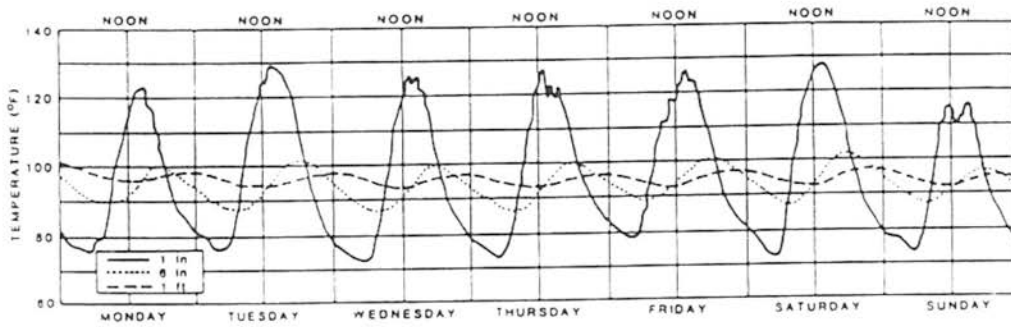


Figure 6a. Soil temperatures measured at Griffith, Australia, January 1939 (from West, 1952).

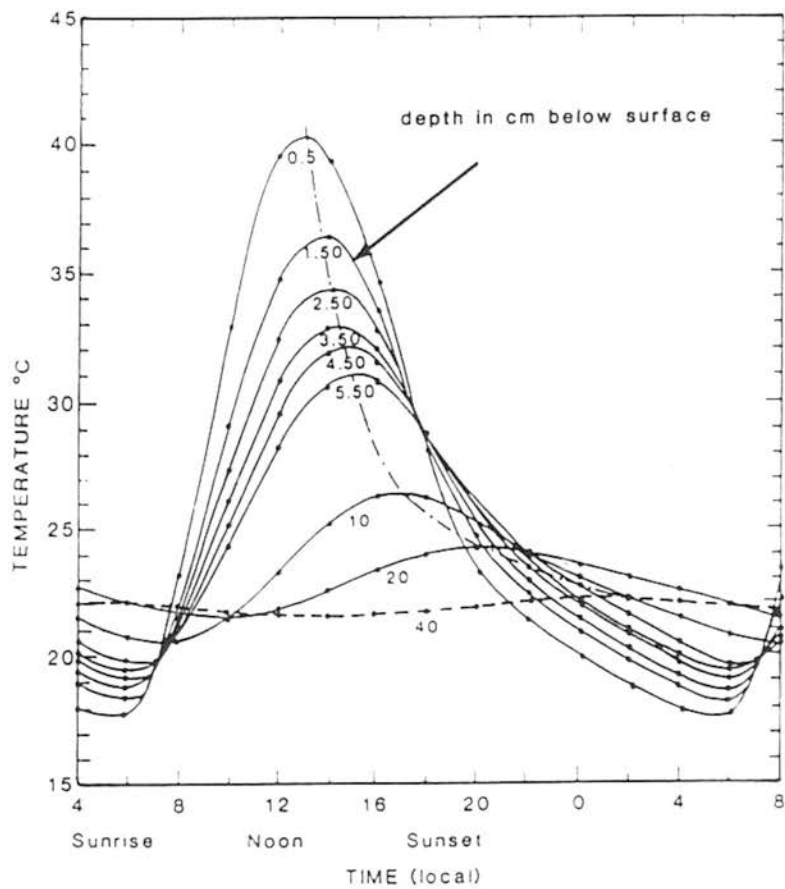


Figure 6b. Average diurnal temperature variations measured at O'Neill, Nebraska, summer 1953 (from Kuo, 1968).

the sine wave solution becomes (after Kirkham and Powers, 1972):

$$T(z,t) = T_m + ae^{-(\omega/2D)^{1/2}z} \sin[\omega t - (\omega/2D)^{1/2}z + \Omega] \quad (21)$$

To account for the departure in time of the maxima and minima at depth from the surface maxima and minima, a phase constant  $\Omega$  has been added to the equation where  $\Omega$  is an angle expressed in radians, and is a function of the time at which the maximum occurs.

Olmsted (1977) used the sinusoidal fluctuations at the surface to determine the relationship between the time lag and the diffusivity:

$$t_z - t_0 = \frac{z}{2} \sqrt{p/\pi D} \quad (22a)$$

thus

$$D = \frac{p(z)^2}{4\pi(t_z - t_0)^2} \quad (22b)$$

and the relationship between the dampening of the amplitude and the diffusivity:

$$a_z = a_0 e^{-(\omega/2D)^{1/2}z} \quad (23a)$$

thus

$$D = \frac{(\omega/2)(-z)^2}{\left(\ln \frac{a_z}{a_0}\right)^2} \quad (23b)$$

where

$a_z$  = the amplitude of the temperature wave at the base of a layer  
of constant thermal diffusivity ( $^{\circ}\text{C}$ );

$a_0$  = the amplitude of the temperature wave at the top of the layer ( $^{\circ}\text{C}$ );

$z$  = the thickness of the layer (cm);

$D$  = the thermal diffusivity of the layer ( $\text{cm}^2\text{sec}^{-1}$ );

$p$  = the period of the wave (sec); and

$t_1 - t_0$  = the time lag between the temperature wave at the land surface and at the base of the layer (measured either from the maximum or minimum of the waves).

As can be seen, the amplitude decreases exponentially with a linear increase in depth, while the time lag increases linearly with a linear increase in depth. The decrease in amplitude is called the dampening effect. At any depth  $z$ , the amplitude of the temperature fluctuation  $a_z$  is smaller than the amplitude of the surface temperature fluctuation  $a_0$ , by a factor of  $e^{-\frac{z}{d}}$  where

$$d = \sqrt{2D/\omega}. \quad (24)$$

The average heat flux into the soil at the soil surface can be computed from (after Kirkham and Powers, 1972):

$$\bar{F}_z = K_z a \frac{(\omega/2D)^{3/4}}{t_1 - t_0} \int_{-(\frac{\pi}{4} + \Omega/\omega)}^{(\frac{3\pi}{4} - \Omega/\omega)} [\sin(\omega t + \Omega) + \cos(\omega t + \Omega)] dt. \quad (25)$$

The thermal conductivity of the material required in equation 25 can be derived from the diffusivity value by recalling equation 9

$$D_z = \frac{K_z}{\rho c} \quad (9)$$

The total volumetric heat capacity ( $\rho c$ ) for a soil consists of the sum of the volumetric heat capacities of all its constituent components:

$$\rho c_{\text{total}} = \rho c_s(X_s) + \rho c_w(X_w) + \rho c_a(X_a) + \rho c_o(X_o) \quad (26)$$

where

$\rho c_s$  = volumetric heat capacity of the minerals in the soil;

$\rho c_w$  = volumetric heat capacity of water;

$\rho c_a$  = volumetric heat capacity of air;

$\rho c_o$  = volumetric heat capacity of the organic constituents; and

$X_i$  = volume fraction of the component indicated  
by the subscript.

In mineral soils, the contribution of soil-air and organic matter to heat capacity is negligible, for instance the volumetric heat capacity of air (at 20° C) is 0.0003 cal cm<sup>-3</sup> C<sup>-1</sup> whereas for water it is 1.0 cal cm<sup>-3</sup> C<sup>-1</sup>. Therefore, for mineral soils the volumetric heat capacity can be calculated from (after Campbell, 1985):

$$\rho c_{\text{total}} = c_s(1-n) + c_w\theta \quad (27)$$

where

$n$  = the porosity of the soil; and

$\theta$  = the volumetric wetness of the soil.

Similarly, the volumetric moisture content of the soil can be calculated from (Hillel, 1980):

$$\rho c_{\text{total}} = \rho_s(c_s + c_w w) \quad (28)$$

and

$$\theta = \frac{\rho_b}{\rho_w} w \quad (29)$$

where

$\rho_s$  = particle density of the solids;

$\rho_w$  = density of water;

$\rho_b$  = bulk density;

$c_s$  = specific heat of the solids;



$c_w$  = specific heat of water; and

$w$  = the ratio of the mass of water to the mass of solids (mass wetness).

The rate at which heat is conducted through a medium can be determined from the sine wave solution to the heat flow equation. Kirkham and Powers (1972) derived the following expression

$$v = (\omega 2D)^{1/2} \quad (30)$$

where

$v$  = the velocity at which heat is propagated down through the soil column.

## V. FORMATION OF CONVECTION CELLS IN FLUID-FILLED PIPES

As heat is transferred into a column of fluid, convection cells may be set up which transport heat throughout the column. The temperatures at depths within the column may not therefore reflect the temperatures of the adjacent porous medium. The use of tubes filled with fluid to measure the temperature of the surrounding medium requires that the convective heat transfer within the column be negligible (Sammel, 1969).

Krige (1939) formulated an equation for the critical thermal gradient at which convective flow is incipient:

$$\beta = \frac{g\alpha T}{c_f} + \frac{\Upsilon\nu D}{g\alpha r^4} \quad (31)$$

where

$\beta$  = critical thermal gradient ( $^{\circ}\text{C cm}^{-1}$ );

$g$  = acceleration due to gravity ( $980.5 \text{ cm sec}^{-2}$ );

$\alpha$  = volume coefficient of thermal expansion of the fluid ( $2.6 \times 10^{-4} \text{ }^{\circ}\text{C}^{-1}$ );

$T$  = absolute temperature ( $^{\circ}\text{K}$ );

$c_f$  = specific heat of the fluid ( $\text{ergs gm}^{-1} \text{ }^{\circ}\text{C}^{-1}$ );

$\Upsilon$  = a constant which equals 216 for a hole whose depth

is much greater than its diameter;

$\nu$  = kinematic viscosity of the fluid ( $\text{cm}^2\text{sec}^{-1}$ );

$D$  = thermal diffusivity of the fluid ( $\text{cm}^2\text{sec}^{-1}$ ); and

$r$  = radius of the fluid column (cm).

The first term of equation 31 provides a value at which convection will commence in the absence of viscosity. The second term incorporates the tube diameter and the viscosity of the fluid. As can be seen, the diameter of the tube is

critical to the value at which convection will occur.

Boyle and Saleem (1979) have shown that where temperature gradients are negative, i.e., where the temperature at depth is less than the temperature at the surface, the stability of the fluid column is assured. However, during the night when the gradient reverses (Figure 6), convection cells could form.

Using the following values garnered from Krige (1939), Cragoe (1943) and a Union Carbide publication (1984), and a temperature of 25 °C:

$$T = 298 \text{ }^\circ\text{K},$$

$$c_f = 3.767 \times 10^7 \text{ ergs gm}^{-1} \text{ }^\circ\text{C}^{-1},$$

$$\nu = 0.015 \text{ cm}^2\text{sec}^{-1},$$

$$D = 0.0012 \text{ cm}^2\text{sec}^{-1}, \text{ and}$$

$$r = 1.27 \text{ cm}$$

yields a critical thermal gradient of

$$\beta = 0.00586 \text{ }^\circ\text{C cm}^{-1} = 0.586 \text{ }^\circ\text{C m}^{-1}.$$

It can be seen from Appendix A, which contains a listing of all the data collected, that in the case of the PVC pipes used in the control experiment, the gradient is always negative between 1.0 and 1.75 m. Therefore, no convection cells formed in the tubes between these depths.

## VI. EXPERIMENTAL PROCEDURE

The "control" experiment was undertaken to: 1) evaluate the accuracy of temperatures taken from a fluid-filled PVC pipe in determining the temperature of the adjacent soil column; 2) determine the depth at which diurnal temperature fluctuations and "weather" had little or no effect on soil temperatures; and 3) determine lag times, and thus soil moisture percolation rates, between successive temperature depressions down through the soil column.

### Methodology

In July, 1987, three holes were augered into the firmly-packed, predominantly clay soil column at the Dandini Research Park, Reno, Nevada. The rationale behind utilizing the firmly-packed clay soil column resulted from the great variability of alluvial fan stratigraphy and spatial soil distribution. The use of this soil column should thus represent the slowest percolation rates found in Dixie Valley and on the Stillwater Range bajada.

Due to the predominance of firmly-packed clay, hand auguring proved unsuccessful and a 12.7cm rotary auger was utilized. This resulted in greater disturbance of the soil column than had the holes been augered by hand. The clay was so firmly packed that water was frequently required to lubricate the drill bit and thus samples for water content were not taken at the time of augering. Soil samples taken after the experiment was completed were used only to determine the porosity of the soil column. The samples were oven-dried for two weeks, weighed, and then saturated for an additional three weeks until the surface glistened. The saturated samples were then weighed.

Two of the holes were augered to 1.75 m (necessitated by the length of the auger extension) and one hole to 1.0 m. White 2.54-cm (ID) PVC pipes (schedule

60 with  $\approx 2$  mm walls), capped and sealed at the base, were emplaced in one of the 1.75 m holes and in the 1.0 m hole. Each hole was backfilled firmly around the pipe. The pipes were filled with a 25/75 percent antifreeze/water mixture so as to replicate the system emplaced in Dixie Valley in 1979. 107B Campbell burial thermistors were inserted into each pipe to record the bottom-hole temperature. In addition, a thermistor was suspended at 1.0 m in the fluid column of the 1.75 m pipe to determine the relation between the 1.0 m bottom-hole temperature and the 1.0 m fluid column temperature. Each PVC pipe was then capped with a white, shiny cap.

Similar thermistors were emplaced in the remaining 1.75 m hole (known as the "control" hole) at 1.75, 1.0, 0.50, 0.25, and 0.125 m below the ground surface and one was placed within less than 0.5 cm of the surface so as to record the surface temperature. After the emplacement of each thermistor, the hole was backfilled and firmly tamped until the next desired depth was reached.

To determine the ambient air temperature and relative humidity, a Model 207 probe from Campbell Scientific Inc. was mounted 1.2 m above the ground on a 2 m-long steel pipe. Also attached to this pole was a Fritchen net radiometer at a height of 1.3 m. A Model RG 2501 tipping bucket rain gauge from Campbell Scientific Inc., which measured precipitation to 0.254 mm (1/100 inch), was mounted atop the pole. Each thermistor and recording device was linked to a Model 21 datalogger (micrologger) from Campbell Scientific Inc. via 7.5 m-long waterproof cables. The datalogger recorded values every minute and stored an average value for each 15-minute interval. Data were recorded from August, 1987 to December, 1987 almost continuously. Some data were lost due to the lack of storage space on the datalogger.

Fluid levels in the PVC pipes were checked weekly. Over the recording period, an additional 0.5 cm of the mixture was required to maintain the levels in each tube. The relative humidity/ambient temperature probe malfunctioned during each precipitation event, and during late November, the net radiation recording device was irreparably damaged.

The first precipitation event recorded showed no traces of runoff (there were no rills evident), however, to ensure that all runoff was collected, a 8 cm-high berm was constructed around a 36 square meter area covering the site prior to the second precipitation event. At the lowest elevation of the area, a pipe was inserted into the berm to carry runoff to a nearby container. After each precipitation event, the runoff was measured.

## VII. EXPERIMENTAL RESULTS

### Soil Surface and Air Temperatures

Figure 7 shows the curves for the soil surface temperature and air temperature (at 1.2 m above the surface) as a function of time. Although not truly sine curves, both sets of data exhibit a similar periodicity. The soil temperatures oscillate around an average temperature of  $27.0^{\circ}\text{C}$  while the air temperatures oscillate about  $17.7^{\circ}\text{C}$ . The average amplitudes are  $21.1^{\circ}\text{C}$  and  $8.6^{\circ}\text{C}$  for the soil surface temperature and air temperature curves, respectively. Between approximately 0900 and 2100, the temperature of the air at 1.2 m above the soil surface is less than that of the soil surface whereas between 2100 and 0900, the air temperature is greater than the surface temperature.

Cross-correlation techniques showed a time lag of one hour between the curves, with the soil surface reaching maximum temperatures prior to the air. Similar observations were made at O'Neill, Nebraska in the summer of 1953, where Kuo (1968) showed that not only do air temperatures lag behind soil surface temperatures, but that air temperatures at successively greater heights lag behind those at lower heights. The amplitude also decreases with height above the ground surface. Between the surface and 2 m, the phase lag is rapid; above 2 m, these changes occur slowly (Figure 8). From these results, Kuo suggested the existence of an intense thermal boundary layer within 2-3 m above the land surface in summer which is the result of rapid heating of the surface. Such rapid heating of the surface produces convection currents which can easily penetrate into the stable air layers and carry heat upwards. This results in the formation of a large thermal diffusivity gradient within the first 2-3 m above the surface. When such a thermal boundary exists, Kuo found that most (approximately

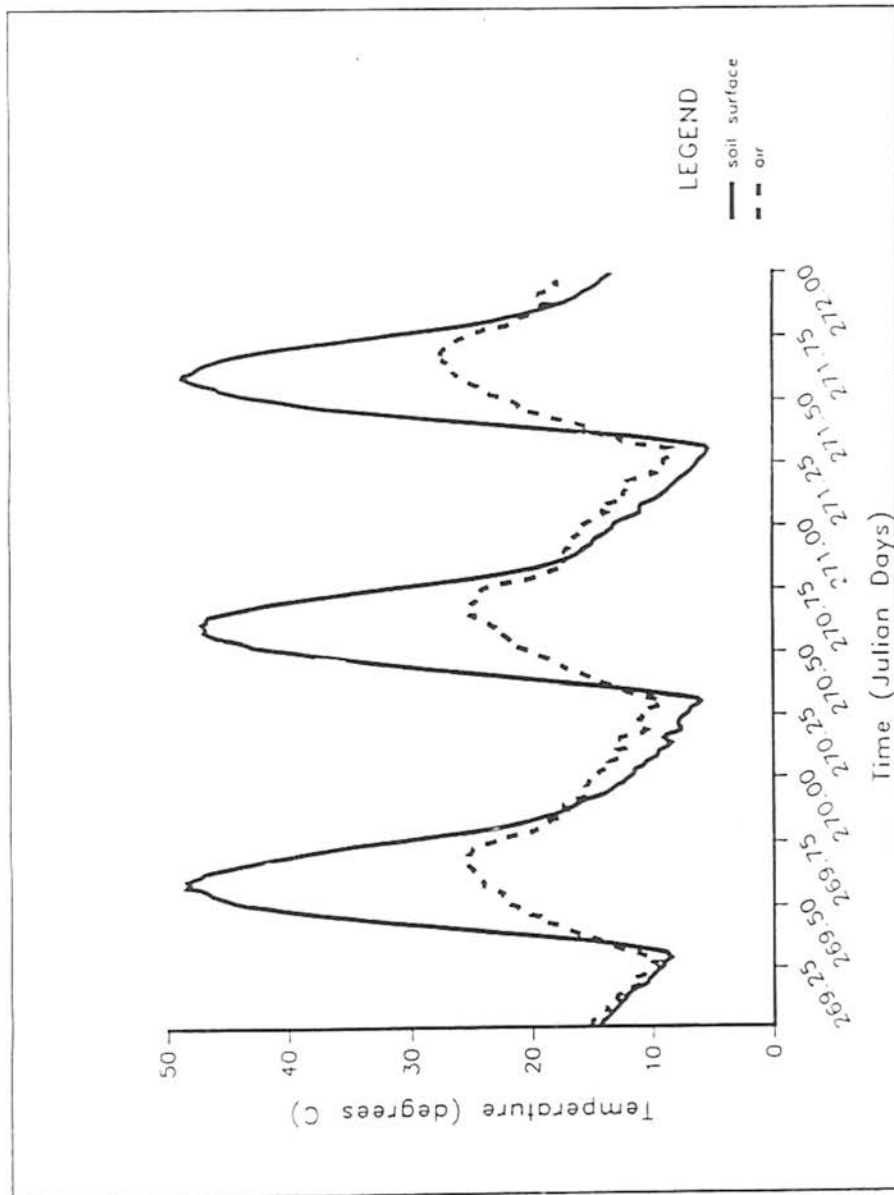


Figure 7. Representative air and soil temperatures as a function of time, 1987



eighty percent) of the incoming solar radiation received at the surface was transmitted back to the atmosphere. In winter, however, when such a thermal boundary layer does not exist (due to the less rapid heating of the surface), the amount of solar energy transmitted into the earth is of the same magnitude as that transmitted back to the atmosphere. Appendices B and C contain the time series graphs for the soil column and PVC pipes, respectively.

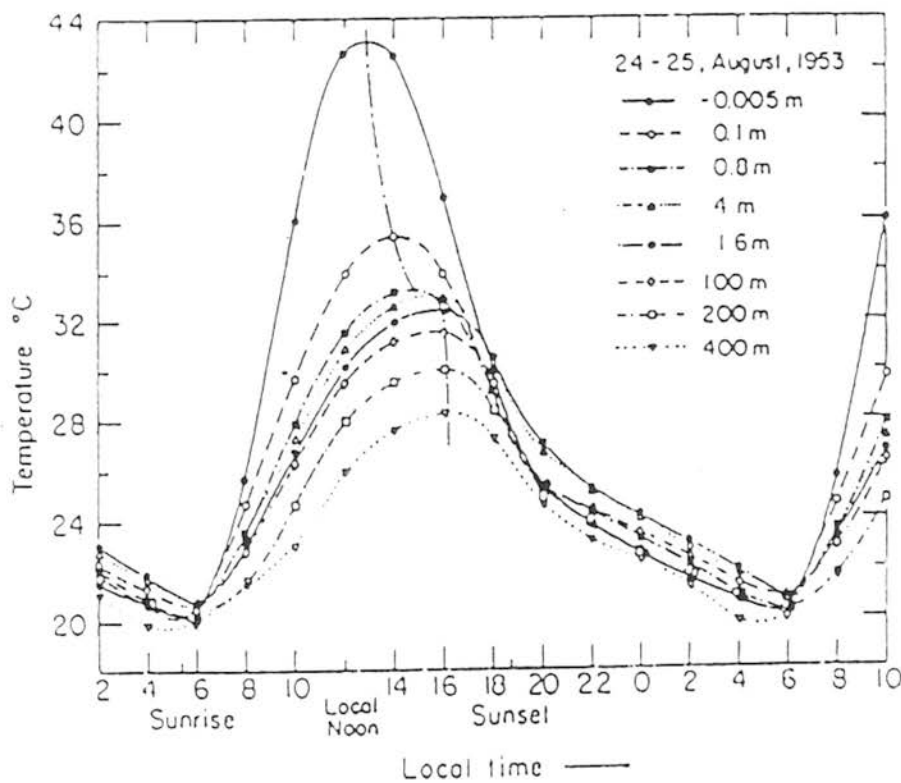


Figure 8. Average diurnal temperature variations at various elevations in the atmosphere measured at O'Neill, Nebraska, summer 1953 (from Kuo, 1968).

Figure 9 shows temperature fluctuations at the soil surface and depths of 0.125, 0.25 and 0.50 m over a representative week. As can be seen, they are similar to those recorded by West (1952) at Griffith, Australia and those at O'Neill, Nebraska (Kuo, 1968). While the curves recorded at the soil surface and at 0.125 m are slightly skewed to the left, the 0.25 m curve is nearly a perfect sine function. During the night, the temperature gradient between the surface and 0.125 m reverses, thus the flux of energy is directed towards the surface.

### Time Lag-Derived Thermal Diffusivities

Using equation 22b and time lags garnered from cross-correlation between the curves at two successive depths over two days, the thermal diffusivities were calculated. Figures 10 and 11 show two-day curves for successive depths over days 259 and 260, and 268 and 269, respectively. Table 1 lists the pertinent data along with correlation coefficients. Appendix D contains the two-day curves for the other days listed in Table 1. Time lags were 5.75 hours between the surface and 0.125 m for days 259-260 and 5.5 hours for the same depth interval over days 268-269, with correlation coefficients ( $r^2$ ) of 0.98 and 0.97, respectively. Between the surface and 0.25 m, the time lags are 10.75 hours ( $r^2 = 0.99$ ) for days 259-60, and 10.0 hours ( $r^2 = 0.92$ ) for days 268-69. Between the surface and 0.50 m, they are 17.75 hours ( $r^2 = 0.42$ ) and 19.75 hours ( $r^2 = 0.99$ ) for the respective periods.

Data in Table 1 show that as depth increases, the level of confidence in the time lag value decreases. Therefore, time lags were also calculated for the individual intervals of 0.125 to 0.25 m and 0.25 to 0.50 m. They are for days 259 and 260, 5.25 hours ( $r^2 = 0.93$ ) and 7.25 hours ( $r^2 = 0.85$ ) and for days 268 and 269, 4.75 hours ( $r^2 = 0.98$ ) and 9.25 hours ( $r^2 = 0.93$ ) for the depth intervals, respectively.

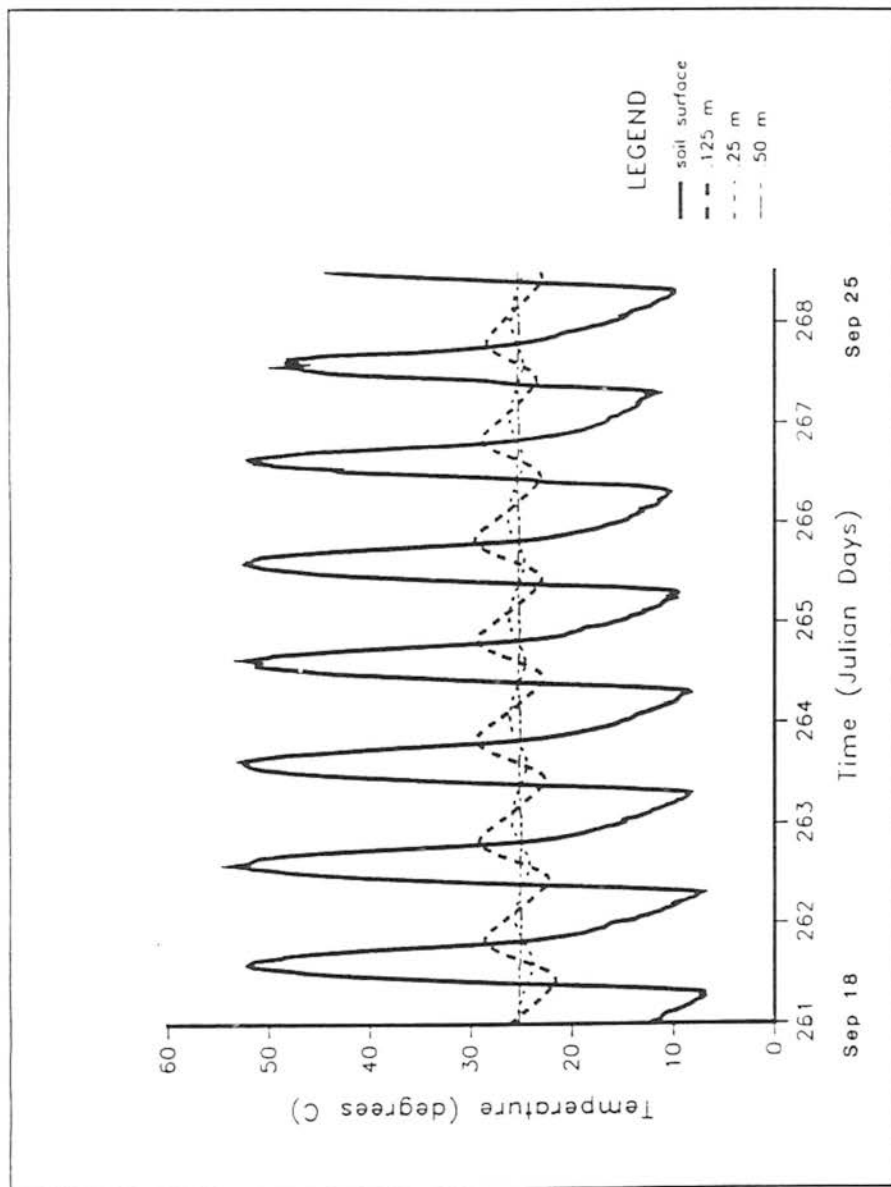


Figure 9. Surface and subsurface temperatures as a function of time, 1987.

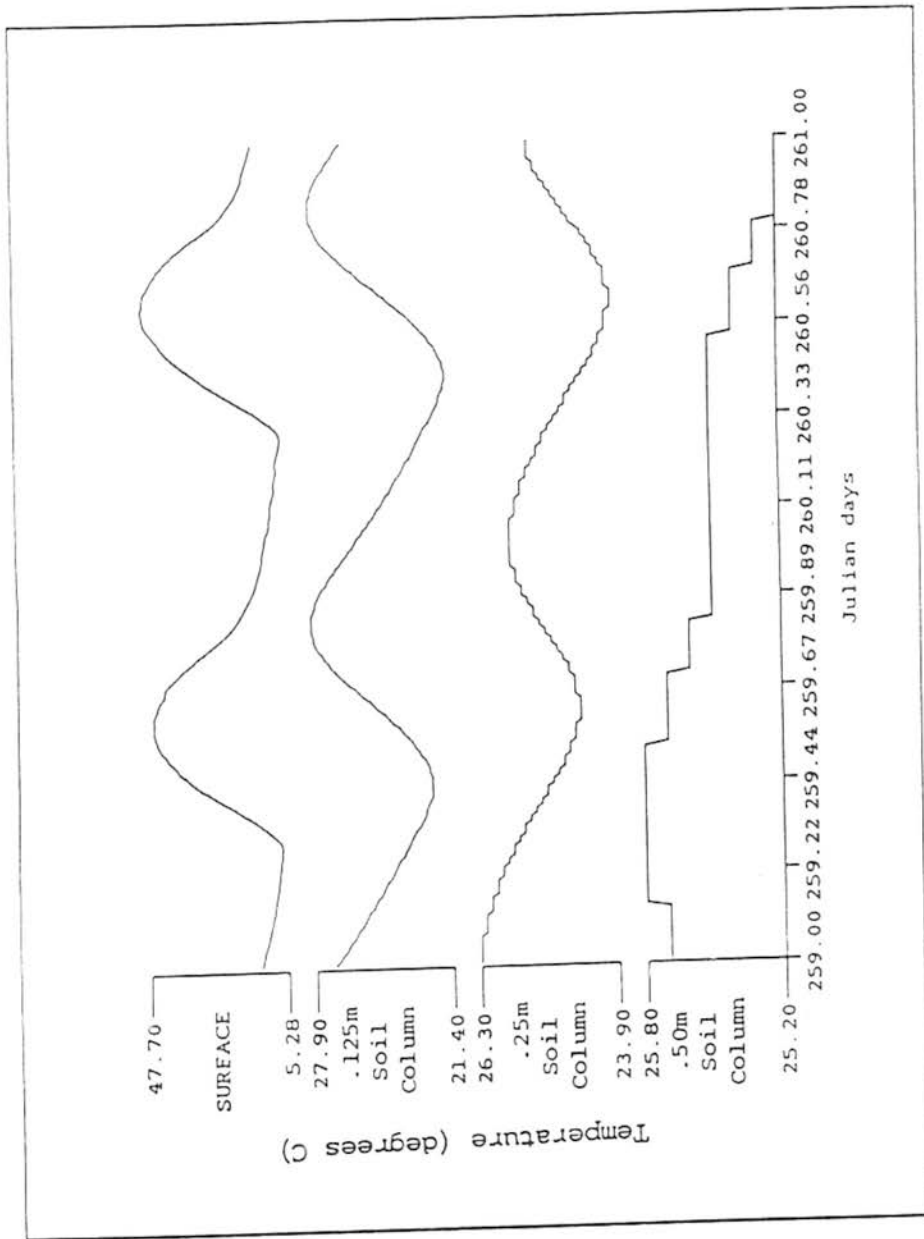


Figure 10. Soil temperature curves for days 259 and 260.

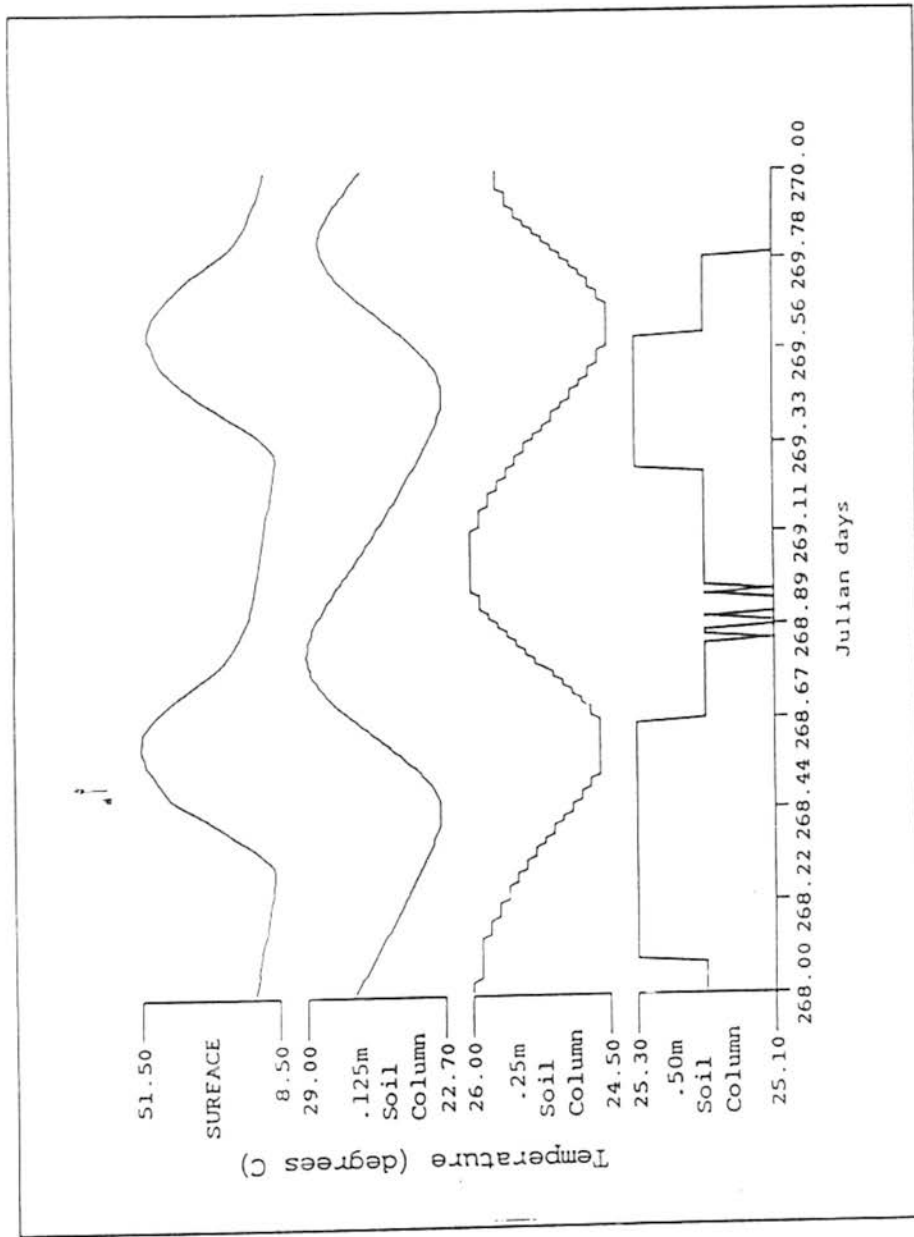


Figure 11. Soil temperature curves for days 268 and 269.

TABLE 1. Thermal diffusivities calculated using cross-correlation-garnered time lags.

Days	Depth Interval (m)	Correlation Coefficient	Time Lag (hrs)	Sum of Interval Time Lags (hrs)	Average Correlation Coefficient	Discrepancy between Sum of Intervals and 0-0.5m Time Lags (hrs)	Thermal* Diffusivity (cm <sup>2</sup> sec <sup>-1</sup> )
218-19	0-0.125	0.98	5.50	19.50	0.87	1.00	0.0027
	0-0.25	0.95	10.25				0.0032
	0-0.50	0.82	20.50				0.0032
	0.125-0.25	0.99	4.75				0.0037
	0.25-0.50	0.65	9.25				0.0039
Average						0.0035	
227-28	0-0.125	0.98	5.75	19.75	0.90	0.25	0.0028
	0-0.25	0.94	10.25				0.0032
	0-0.50	0.69	19.50				0.0035
	0.125-0.25	0.98	4.75				0.0037
	0.25-0.50	0.74	9.25				0.0039
Average						0.0034	
250-51	0-0.125	0.97	5.50	19.25	0.90	0.75	0.0027
	0-0.25	0.93	10.50				0.0030
	0-0.50	0.78	20.00				0.0033
	0.125-0.25	0.98	4.75				0.0037
	0.25-0.50	0.77	9.00				0.0041
Average						0.0036	
259-60	0-0.125	0.98	5.75	18.25	0.92	0.50	0.0025
	0-0.25	0.88	10.75				0.0029
	0-0.50	0.42	17.75				0.0042
	0.125-0.25	0.93	5.25				0.0030
	0.25-0.50	0.85	7.25				0.0059
Average						0.0040	
268-69	0-0.125	0.97	5.50	19.50	0.97	0.25	0.0027
	0-0.25	0.92	10.00				0.0033
	0-0.50	0.99	19.75				0.0034
	0.125-0.25	0.98	4.75				0.0037
	0.25-0.50	0.93	9.25				0.0039
Average						0.0035	
277-78	0-0.125	0.97	5.50	18.25	0.96	3.00	0.0027
	0-0.25	0.92	10.25				0.0032
	0-0.50	0.80	21.25				0.0029
	0.125-0.25	0.98	4.50				0.0041
	0.25-0.50	0.94	8.25				0.0049
Average						0.0040	
299-300	0-0.125	0.96	5.00	18.50	0.87	0.75	0.0033
	0-0.25	0.91	9.75				0.0035
	0-0.50	0.68	19.25				0.0036
	0.125-0.25	0.98	4.75				0.0037
	0.25-0.50	0.69	8.75				0.0043
Average						0.0039	
Rain day 301	2.54mm	0900-1100 hrs					
	3.05mm	1345-1430 hrs					
301-02	0-0.125	0.68	5.00	17.25	0.86	2.50	0.0033
	0-0.25	0.56	12.50				0.0021
	0-0.50	0.55	14.75				0.0061
	0.125-0.25	0.93	5.75				0.0025
	0.25-0.50	0.97	6.50				0.0078
Average						0.0045	
303-04	0-0.125	0.94	5.00	19.25	0.72	0.50	0.0033
	0-0.25	0.87	10.00				0.0033
	0-0.50	0.41	19.75				0.0034
	0.125-0.25	0.97	4.75				0.0037
	0.25-0.50	0.24	9.50				0.0037
Average						0.0036	
Rain day 307	0.762mm.						
309-10	0-0.125	0.95	5.25	17.25	0.91	2.25	0.0030
	0-0.25	0.69	10.25				0.0032
	0-0.50	0.43	15.00				0.0059
	0.125-0.25	0.88	5.75				0.0030
	0.25-0.50	0.90	6.75				0.0073
Average						0.0045	

TABLE 1. (continued)

Days	Depth Interval (m)	Correlation Coefficient	Time Lag (hrs)	Sum of Interval Time Lags (hrs)	Average Correlation Coefficient	Discrepancy between Sum of Intervals and 0-0.5m Time Lags (hrs)	Thermal* Diffusivity (cm <sup>2</sup> sec <sup>-1</sup> )
314-15	0-0.125	0.97	5.20	18.50	0.93	0.50	0.0030
	0-0.25	0.91	9.75				0.0035
	0-0.50	0.61	18.00				0.0041
	0.125-0.25	0.96	4.75				0.0037
	0.25-0.50	0.85	8.50				0.0046
Average						0.0039	
Rain day 317	7.62mm	1530-1845 hrs					
316-17	0-0.125	0.87	5.00	20.75	0.83	0.25	0.0033
	0-0.25	0.80	11.25				0.0026
	0-0.50	0.69	20.50				0.0032
	0.125-0.25	0.95	4.75				0.0037
	0.25-0.50	0.67	11.00				0.0027
Average						0.0031	
318-19	0-0.125	0.88	5.25	17.50	0.89	2.50	0.0030
0-0.25	0.60	11.50	0.0025				
0-0.50	0.43	15.00	0.0059				
0.125-0.25	0.84	5.75	0.0025				
0.25-0.50	0.95	6.50	0.0078				
Average						0.0043	
Rain day 321	1.52mm	0600-1245 hrs					
331-32	0-0.125	0.96	5.00	17.00	0.85	1.50	0.0033
	0-0.25	0.90	9.75				0.0035
	0-0.50	0.13	15.50				0.0055
	0.125-0.25	0.93	5.00				0.0033
	0.25-0.50	0.67	7.00				0.0068
Average						0.0046	
Snow day 336	0.25mm	1500 hrs					
Snow day 340	7.11mm	1030-2330 hrs					
Snow day 341	0.5mm	1015-1030 hrs					
340-41	0-0.125	0.67	4.00	20.75	0.86 *	7.00	0.0052
	0-0.25	0.66	10.75				0.0029
	0-0.50	0.52	13.75				0.0070
	0.125-0.25	0.94	6.50				0.0020
	0.25-0.50	0.97	10.25				0.0032
Average						0.0031	
342-43	0-0.125	0.95	5.00	23.00	0.90		0.0033
	0-0.25	0.75	10.25				0.0032
	0-0.50	no correlation					
	0.125-0.25	0.84	6.50				0.0020
	0.25-0.50	0.92	8.25				0.0025
Average						0.0025	

\*Note: Average thermal diffusivities have been calculated using the average time lag.

Adding the time lags for the individual intervals for days 259 and 260 gives a total time lag between the surface and 0.50 m of 18.25 hours with an average correlation coefficient of 0.92. This results in a discrepancy of 0.5 hours. The total of the individual interval time lags for days 268 and 269 is 19.50 hours, with an average correlation coefficient of 0.96, giving a discrepancy of 0.25 hours.

Figure 12 shows the difference between the sum of the time lags over individual intervals and time lags from the surface to 0.25m and 0.50 m for day 268 and also the average over days 217 through 277. The time lags for each set to 0.125 m are the same; however, between the surface and 0.25 m a disparity becomes evident, and between the surface and 0.50 m the time lags for day 268 differ by 0.25 hours while the average time lags differ by 0.7 hours. The difference of 0.25 hours creates a  $1.0 \times 10^{-4} \text{cm}^2 \text{sec}^{-1}$  change in the thermal diffusivity value while 0.7 hours produces a  $2.0 \times 10^{-4} \text{cm}^2 \text{sec}^{-1}$  change.

To be noted from Table 1 is that prior to day 299, the thermal diffusivities for individual intervals are relatively constant. For the 0-0.125 m interval, the mean diffusivity is  $2.68 \times 10^{-8} \text{cm}^2 \text{sec}^{-1}$ , for 0.125-0.25 m, it is  $3.65 \times 10^{-8} \text{cm}^2 \text{sec}^{-1}$ , and for 0.25-0.50 m it is  $4.43 \times 10^{-8} \text{cm}^2 \text{sec}^{-1}$ . The increasing thermal diffusivity with depth reflects the soil's physical properties. As noted earlier (Section II), the upper 10 cm of the soil column was loose, very dry, silty clay while the soil below was increasingly more firmly packed. Because the thermal diffusivity of a material is a function of the bulk density and water content among other things, it is to be expected that as the bulk density increases, the thermal diffusivity would also. Therefore, the soil column used in the control experiment can be considered to be heterogeneous over the depth interval of the experiment.

#### *Prior to Precipitation Events*

The average diffusivities over the 0.50 m column prior to the precipitation event on day 301 range from  $3.4 \times 10^{-8}$  to  $4.0 \times 10^{-8} \text{cm}^2 \text{sec}^{-1}$  or  $0.0037 \pm 0.0003 \text{cm}^2 \text{sec}^{-1}$ , with the high of  $4.0 \times 10^{-8} \text{cm}^2 \text{sec}^{-1}$  being recorded on day 259. No apparent explanation is available for the increase in diffusivity at the 0.25 - 0.50 m level on day 259.



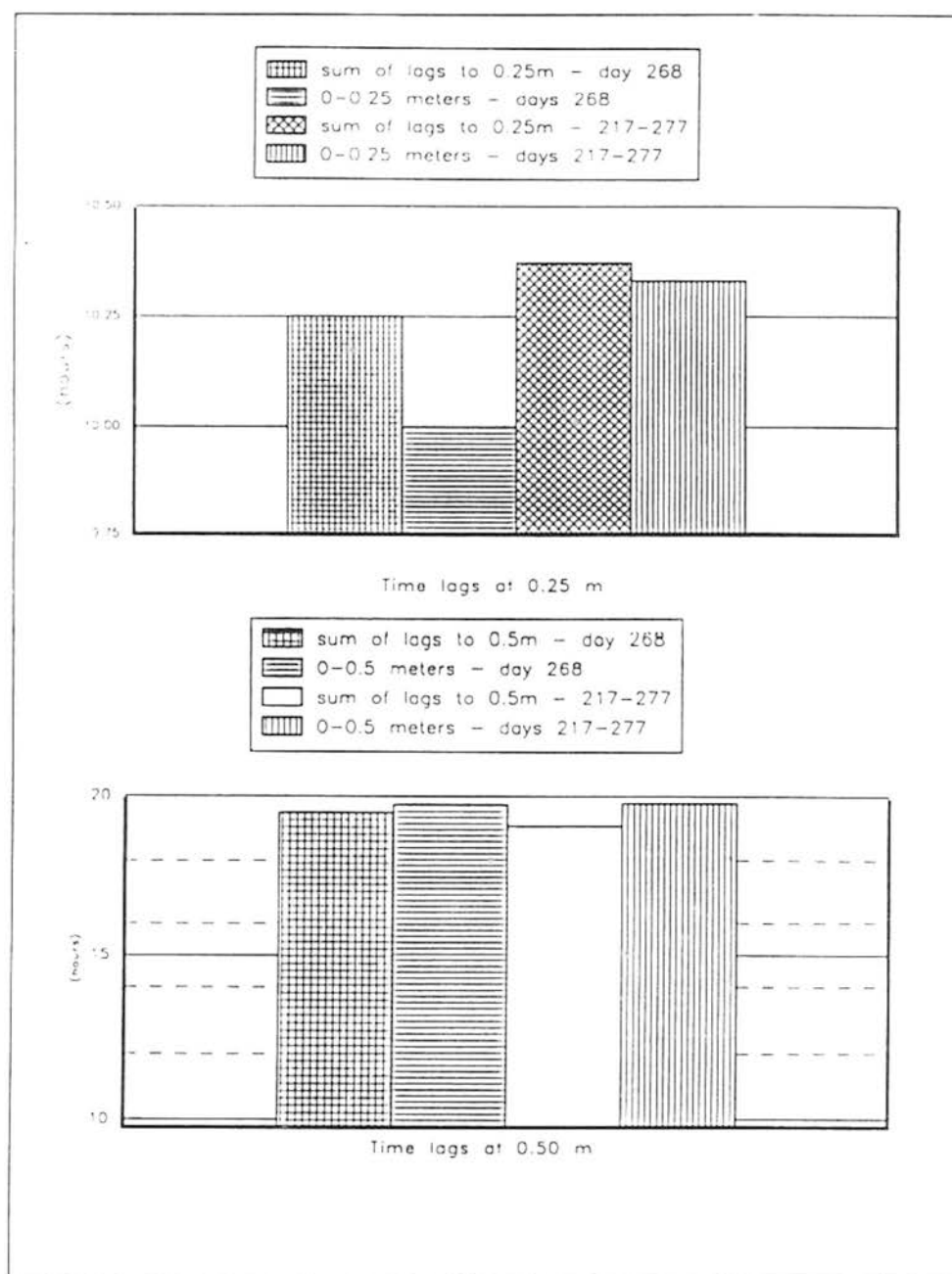


Figure 12. Comparison of the sum of the time lags for individual intervals with time lags for the surface to 0.25 m and the surface to 0.50 m.

*During and After Precipitation Events*

For days 301 and 302 (precipitation equaled 5.59 mm on day 301 with no runoff), the diffusivity increased to  $4.5 \times 10^{-3} \text{cm}^2 \text{sec}^{-1}$ , returning to  $3.6 \times 10^{-3} \text{cm}^2 \text{sec}^{-1}$  by days 303 and 304. After the rain on day 307, although only 0.76 mm, the diffusivity increased to  $4.5 \times 10^{-3} \text{cm}^2 \text{sec}^{-1}$  by days 309 and 310, but returned to  $3.9 \times 10^{-3} \text{cm}^2 \text{sec}^{-1}$  by days 314 and 315.

Although precipitation occurred on day 317 (7.62 mm; runoff amounted to 600 ml from the  $36 \text{ m}^2$  area), the average diffusivity for days 316 and 317 is low ( $3.1 \times 10^{-3} \text{cm}^2 \text{sec}^{-1}$ ), but as can be seen, the correlation coefficient for the 0.25-0.50 m interval is only 0.67. By days 318 and 319, however, the event had increased the average diffusivity to  $4.3 \times 10^{-3} \text{cm}^2 \text{sec}^{-1}$  ( $r^2 = 0.89$ ) due to the high thermal diffusivity value of  $7.8 \times 10^{-3} \text{cm}^2 \text{sec}^{-1}$  ( $r^2 = 0.95$ ) at the 0.25-0.50 m level. For days 331 and 332, although the average diffusivity value is high at  $4.6 \times 10^{-3} \text{cm}^2 \text{sec}^{-1}$ , the correlation coefficient for the 0.25-0.50 m interval is again only 0.67. After the snowfall event (days 340 and 341), the diffusivities are low with high correlation coefficients. The snowfall amounted to greater than 7 mm of water and remained on the ground for over four days, thus producing an insulating layer. After the snowfall event, the diffusivity of the upper intervals is greater than that of the lower intervals, which represents a reversal of the situation under dry conditions.

Figure 13 illustrates the thermal diffusivities at the indicated depths for days during and following the precipitation events as compared to the thermal diffusivity on days 268 and 269. At the 0.125 m level, the diffusivities for days 301-302, 303-304 and 316-317 are the same, while the 268-269 is the lowest and the day 318-319 is intermediate. At the 0.25 m level, days 301-302 and 318-319

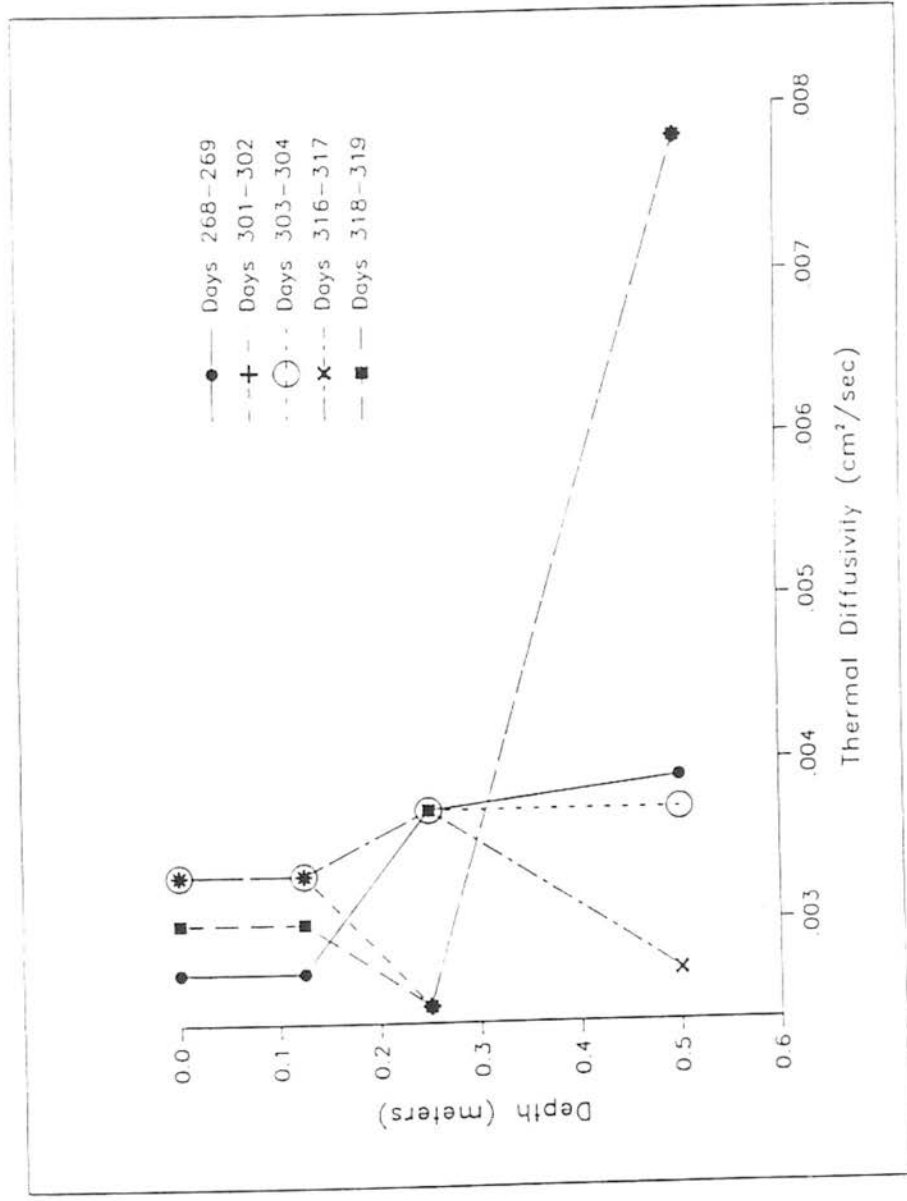


Figure 13. Thermal diffusivities for days 268 and 269 compared with those during and after the precipitation events of days 301 and 317.

diffusivities are lower than at the 0.125 m level, while those for the other days are slightly higher. The 0.50 m level shows the increase in diffusivity immediately following the precipitation events on days 301 and 317.

### Amplitudes of Temperature Fluctuations Observed at Depth

Figure 14 shows the amplitude of diurnal fluctuations as a function of depth over days 261 and 262. As can be seen, the amplitude of the 0.50 m curve is very small and at 1.0 m no amplitude nor periodic fluctuation is evident. The 1.75 m data, therefore, have not been included. The level at which the diurnal fluctuation dies out can be determined using equation 23a.

For day 262, using the average diffusivity from days 259-260 of  $0.0040 \text{ cm}^2 \text{ sec}^{-1}$ ,  $a_{z(0.75\text{m})}$  has a calculated value of  $0.018^\circ \text{C}$  and  $a_{z(1.0\text{m})}$  has a calculated value of  $0.002^\circ \text{C}$ . For day 268, using the average diffusivity of  $0.0035 \text{ cm}^2 \text{ sec}^{-1}$ ,  $a_{z(0.75\text{m})}$  was calculated to be  $0.01^\circ \text{C}$ , and  $a_{z(1.0\text{m})}$  to be  $0.0008^\circ \text{C}$ . Because the datalogger measurement is accurate to  $\pm 0.01^\circ \text{C}$ , it is expected that no fluctuation of the temperature curves at 1.0 m would be evident.

### Comparison of Observed and Calculated Amplitudes at Depth

Using equation 23 and the thermal diffusivity calculated from cross-correlation-derived time lags, theoretical amplitudes for the temperature fluctuations at depth were calculated. Table 2 lists the observed and theoretical amplitudes for the representative week (262-268). The values for the representative week, with the exception of day 268, were calculated utilizing the individual depth interval diffusivities from days 259-260, all of which have relatively high correlation coefficients. For day 268, the diffusivity values for days 268-269 were used. The observed mean temperatures have also been listed.

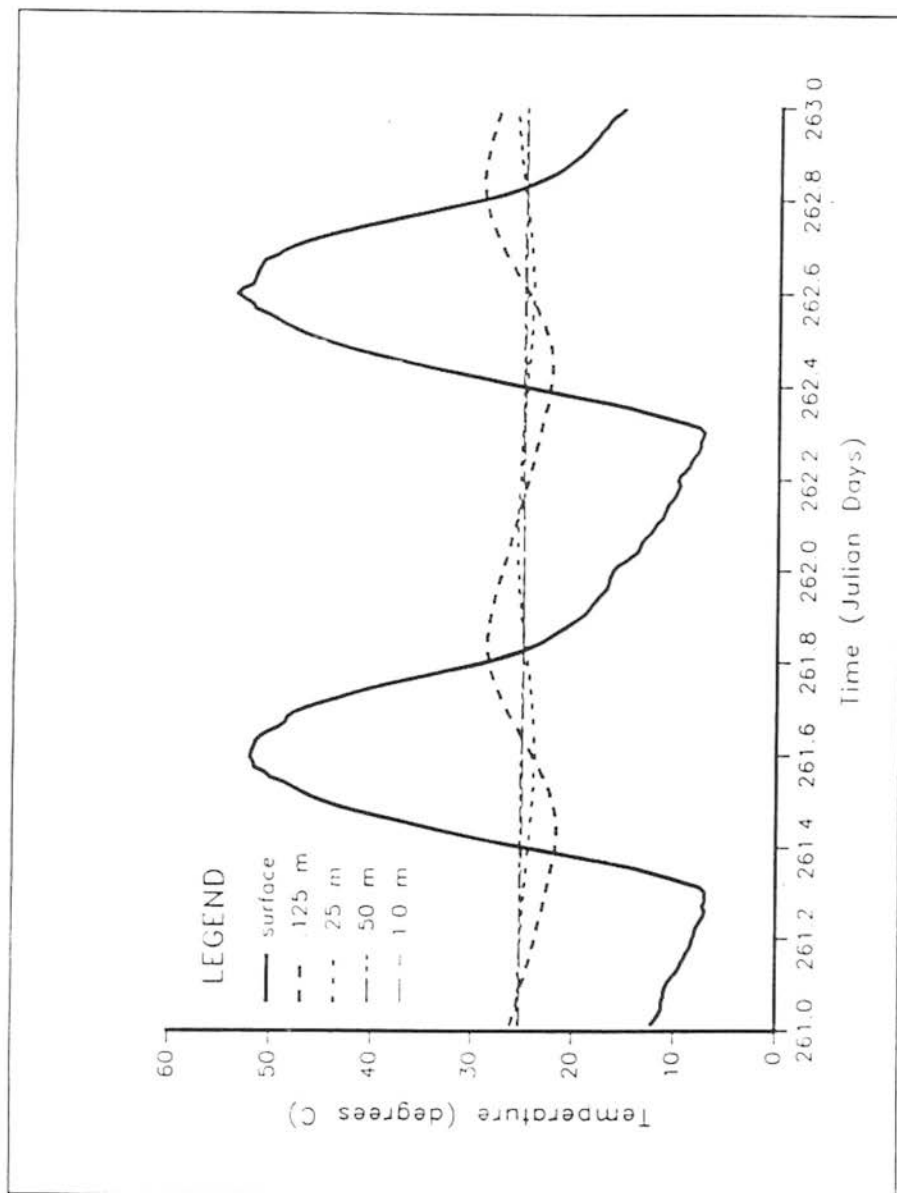


Figure 11. Amplitude as a function of depth over days 261 and 262.

TABLE 2. Comparison between observed and calculated amplitudes for one representative week.

Day	Depth (m)	Mean Temperature (°C)	Observed Amplitude (°C)	Theoretical Amplitude (°C)	Percent Difference
262	Surface	31.08	22.61		
	0.125	25.97	3.23	5.01	35.0
	0.25	25.26	0.74	0.82	10.0
	0.50	25.11	0.08	0.10	20.0
263	Surface	30.55	22.10		
	0.125	26.18	3.29	4.49	33.0
	0.25	25.43	0.77	0.83	7.0
	0.50	25.20	0.06	0.10	30.0
264	Surface	30.51	20.87		
	0.125	26.21	3.16	4.62	32.0
	0.25	25.49	0.74	0.80	7.5
	0.50	25.31	0.07	0.10	30.0
265	Surface	30.45	20.99		
	0.125	26.41	3.23	4.65	31.0
	0.25	25.59	0.78	0.81	3.7
	0.50	25.36	0.08	0.11	30.0
266	Surface	31.94	20.18		
	0.125	26.23	2.70	4.47	40.0
	0.25	25.51	0.64	0.68	6.0
	0.50	25.34	0.07	0.09	22.0
267	Surface	29.08	19.18		
	0.125	25.68	2.77	4.25	35.0
	0.25	25.30	0.70	0.70	0.0
	0.50	25.28	0.09	0.10	10.0
268	Surface	30.03	21.48		
	0.125	25.85	3.15	5.03	37.0
	0.25	25.30	0.78	0.91	14.0
	0.50	25.23	0.09	0.07	22.0

The observed amplitudes for the representative week average 21.1 °C at the surface, 3.1 °C at 0.125 m, 0.7 °C at 0.25 m and 0.08 °C at 0.50 m. The theoretical values do not agree well with the observed values. This researcher believes the differences result from the inherent assumption of a homogeneous soil column, i.e., that the amplitude decreases as  $e^{-\sqrt{2D}^2 z}$  and D is constant throughout the entire column. The amplitudes at depth, however, are fairly constant over the week. At 0.125 m, the observed amplitudes range from 2.7 - 3.3 °C, at 0.25 m from 0.6 -

0.8 ° C, and at 0.5 m from 0.06 - 0.09 ° C.

Table 3 lists the theoretically predicted amplitudes over the entire reporting period along with thermal diffusivities calculated using equation 23b and using observed amplitudes. Figure 15 shows the observed amplitudes compared to the theoretical amplitudes over the reporting period.

Figure 16 illustrates the relationship between the predicted and observed amplitudes at 0.125 m. The correlation coefficient is 0.22 indicating very little relationship between the observed and predicted amplitudes. At the 0.25 m level, the correlation coefficient is less than 0.01 and at the 0.5 m level, it is 0.03.

#### *Prior to Precipitation Events*

Prior to the precipitation event on day 301, the theoretical amplitudes at depth are always greater than the observed with the exception of day 259 at the 0.25 and 0.50 m levels. The observed amplitudes at depth generally mirror the surface amplitude, while the predicted amplitudes up to day 301 appear inversely related to the surface amplitude.

On day 250, the predicted amplitude is consistently almost two times greater than the observed. For day 268, the deviations are 37.5 percent at the 0.125 m level, 46 percent at the 0.25 m level, and 31 percent at the 0.5 m level with the predicted amplitude being consistently greater than the observed.

#### *During and After Precipitation Events*

For day 299, the deviations from the observed amplitudes are similar to those of day 268. However, for day 301, when it rained, the observed amplitude at 0.125 m is greater than the predicted. At 0.25 m, the predicted amplitude is 43 percent less than the observed. At the 0.50 m level, an amplitude of 0.08 ° C was

TABLE 3. Observed and calculated amplitudes and diffusivities over the entire reporting period.

Day	Depth Interval (m)	Thermal Diffusivity Calculated from Time Lags ( $\text{cm}^2\text{sec}^{-1}$ )	Theoretical Diffusivity Calculated using Observed Amplitudes ( $\text{cm}^2\text{sec}^{-1}$ )	Depth (m)	Observed Amplitude ( $^{\circ}\text{C}$ )	Theoretical Amplitude Calculated using Time Lag Derived Diffusivity ( $^{\circ}\text{C}$ )
218	0-0.125	0.0027	0.0018	Surface	20.20	
	0.125-0.25	0.0037	0.0029	0.125	3.46	4.74
	0.25-0.50	0.0039	0.0040	0.25	0.86	1.00
	Average	0.0035	0.0029	0.50	0.08	0.12
227	0-0.125	0.0028	0.0015	Surface	21.34	
	0.125-0.25	0.0037	0.0027	0.125	2.97	5.14
	0.25-0.50	0.0039	0.0043	0.25	0.69	1.49
	Average	0.0034	0.0028	0.50	0.07	0.13
250	0-0.125	0.0027	0.0013	Surface	21.26	
	0.125-0.25	0.0037	0.0033	0.125	2.58	4.98
	0.25-0.50	0.0041	0.0038	0.25	0.70	1.44
	Average	0.0036	0.0030	0.50	0.06	0.14
259	0-0.125	0.0025	0.0017	Surface	20.24	
	0.125-0.25	0.0030	0.0034	0.125	3.24	4.48
	0.25-0.50	0.0059	0.0077	0.25	0.89	0.81
	Average	0.0040	0.0039	0.50	0.16	0.13
268	0-0.125	0.0027	0.0015	Surface	21.48	
	0.125-0.25	0.0037	0.0029	0.125	3.15	5.03
	0.25-0.50	0.0039	0.0049	0.25	0.78	0.91
	Average	0.0035	0.0030	0.50	0.09	0.07
277	0-0.125	0.0027	0.0015	Surface	20.13	
	0.125-0.25	0.0041	0.0026	0.125	2.88	4.72
	0.25-0.50	0.0049	0.0040	0.25	0.66	0.88
	Average	0.0040	0.0027	0.50	0.06	0.08
299	0-0.125	0.0033	0.0019	Surface	13.31	
	0.125-0.25	0.0037	0.0025	0.125	2.39	3.58
	0.25-0.50	0.0043	0.0064	0.25	0.53	0.69
	Average	0.0039	0.0036	0.50	0.08	0.05
301	0-0.125	0.0033	0.0034	Surface	6.58	
	0.125-0.25	0.0025	0.0061	0.125	1.81	1.77
	0.25-0.50	0.0078	-	0.25	0.69	0.77
	Average	0.0045	0.0047*	0.50	-	0.08
303	0-0.125	0.0033	0.0021	Surface	12.51	
	0.125-0.25	0.0037	0.0025	0.125	2.38	3.37
	0.25-0.50	0.0037	0.0084	0.25	0.52	0.68
	Average	0.0036	0.0039	0.50	0.10	0.04
309	0-0.125	0.0030	0.0016	Surface	7.40	
	0.125-0.25	0.0030	0.0030	0.125	1.12	1.87
	0.25-0.50	0.0073	-	0.25	0.28	0.28
	Average	0.0045	0.0039*	0.50	-	0.05
314	0-0.125	0.0030	0.0016	Surface	14.47	
	0.125-0.25	0.0037	0.0027	0.125	2.20	3.65
	0.25-0.50	0.0046	0.0065	0.25	0.52	0.64
	Average	0.0037	0.0034	0.50	0.08	0.06



TABLE 3. (continued)

Day	Depth Interval (m)	Diffusivity Calculated from Time Lags ( $\text{cm}^2\text{sec}^{-1}$ )	Theoretical Diffusivity Calculated using Observed Amplitudes ( $\text{cm}^2\text{sec}^{-1}$ )	Depth (m)	Observed Amplitude ( $^{\circ}\text{C}$ )	Theoretical Amplitude Calculated using Time Lag Derived Diffusivity ( $^{\circ}\text{C}$ )
316	0-0.125	0.0033	0.0012	Surface	11.78	
	0.125-0.25	0.0037	-	0.125	1.28	3.17
	0.25-0.50	0.0027	-	0.25	-	0.37
				0.50	-	0.02
Average	0.0031	0.0022*				
318	0-0.125	0.0030	0.0025	Surface	12.65	
	0.125-0.25	0.0025	0.0056	0.125	2.83	3.19
	0.25-0.50	0.0078	-	0.25	1.03	0.71
				0.50	-	0.19
Average	0.0043	0.0052*				
331	0-0.125	0.0033	0.0018	Surface	12.15	
	0.125-0.25	0.0033	0.0029	0.125	2.04	3.27
	0.25-0.50	0.0068	-	0.25	0.50	0.55
				0.50	-	0.08
Average	0.0046	0.0032*				
340	0-0.125	0.0052	0.0040	Surface	4.83	
	0.125-0.25	0.0020	0.0090	0.125	1.46	1.70
	0.25-0.50	0.0032	-	0.25	0.66	0.27
				0.50	-	0.05
Average	0.0031	0.0040*				

\* denotes where theoretical amplitudes have been used to calculate average thermal diffusivities.  
 - denotes where temperatures showed a continual decrease.

predicted but no amplitude was observed. For day 303, the deviations are similar to those of day 268. For day 318, after the rain on day 317, the observed amplitude at 0.25 m is again greater than the predicted. This increase over the predicted value is thought by this researcher to be the result of changing conditions within the soil due to the precipitation events.

### Amplitude-Derived Thermal Diffusivities

Amplitude-derived thermal diffusivities are frequently less than the time lag-derived diffusivities, especially in the 0-0.125 m depth interval. Figure 17 illustrates the difference between the time lag-derived diffusivities and the amplitude-derived diffusivities. This researcher again attributes this difference to the

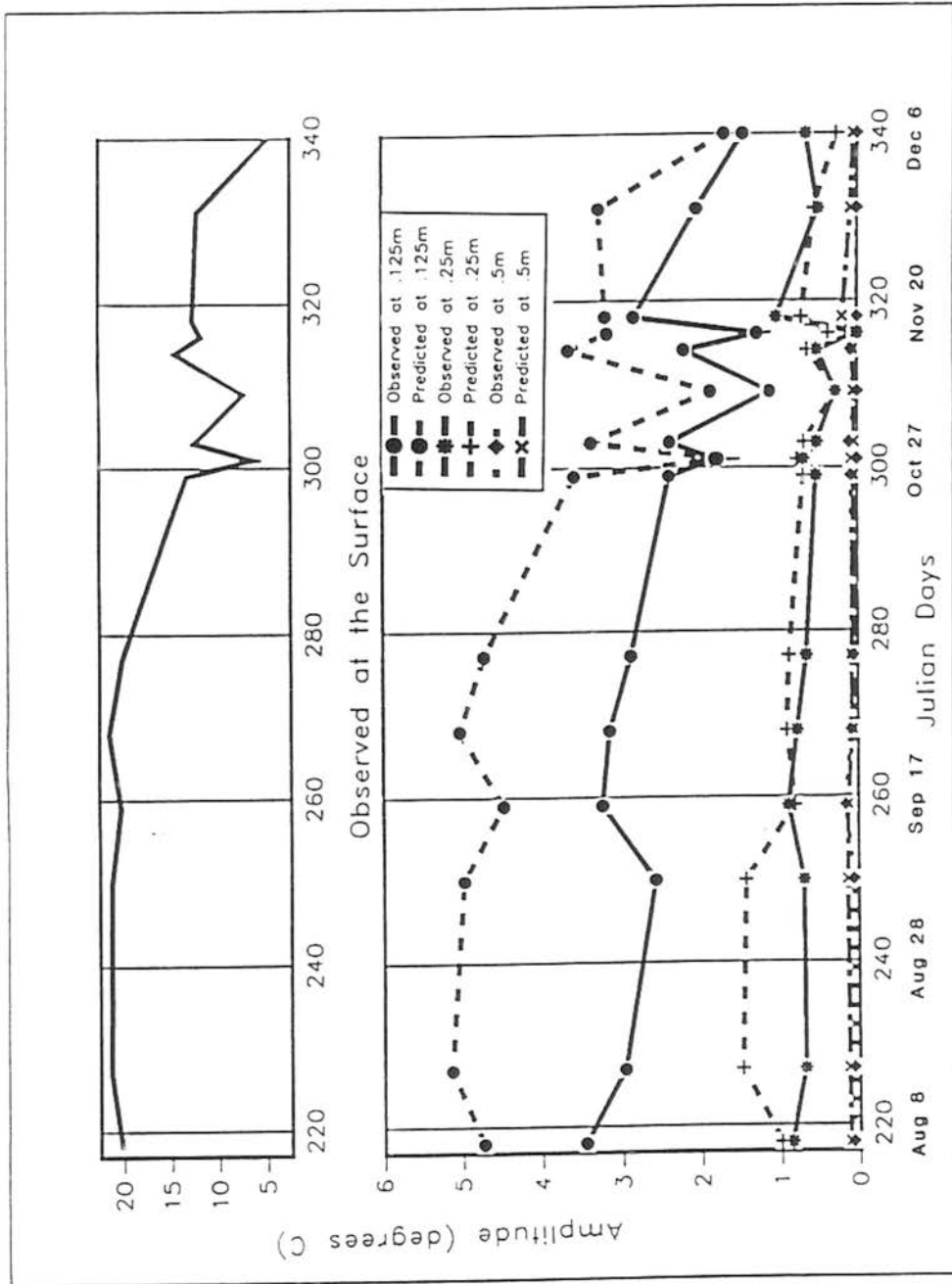


Figure 15. Observed vs. predicted amplitudes at depth over the entire reporting period.

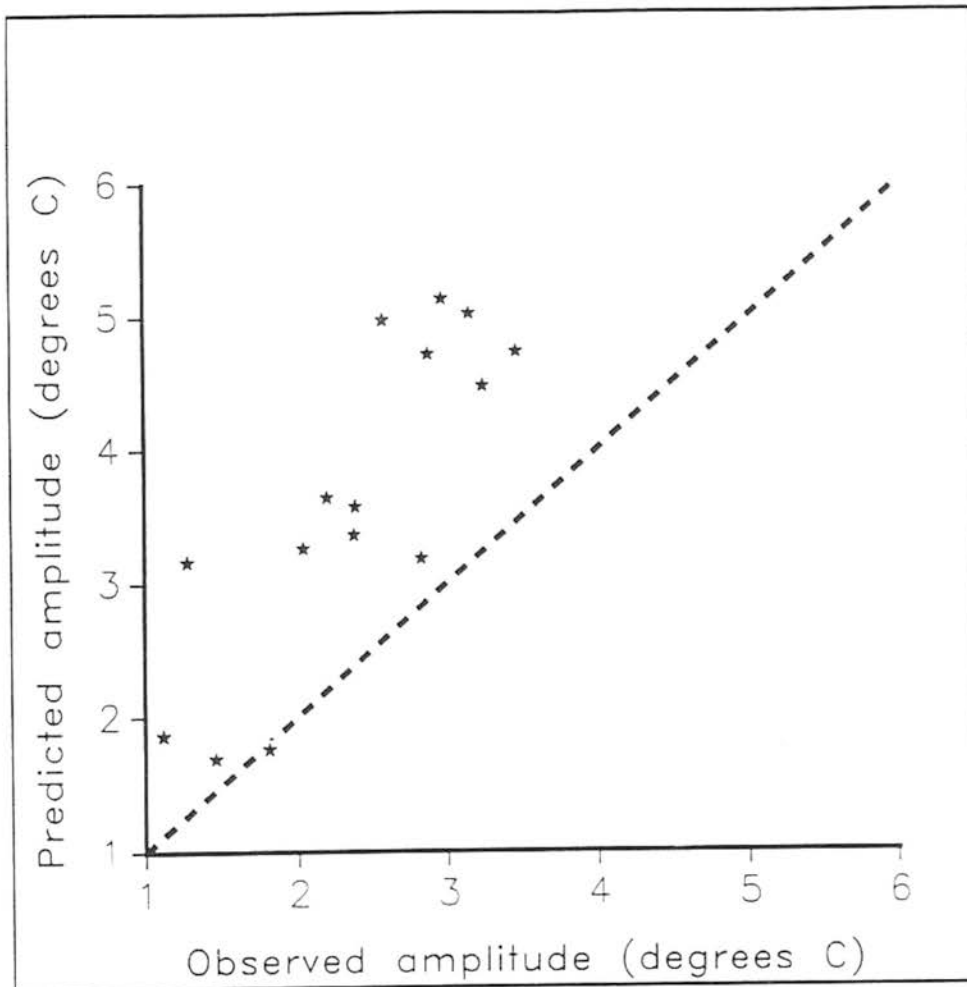


Figure 16. Regression-analysis scattergram of predicted versus observed amplitudes at 0.125 m ( $r^2 = 0.22$ ).

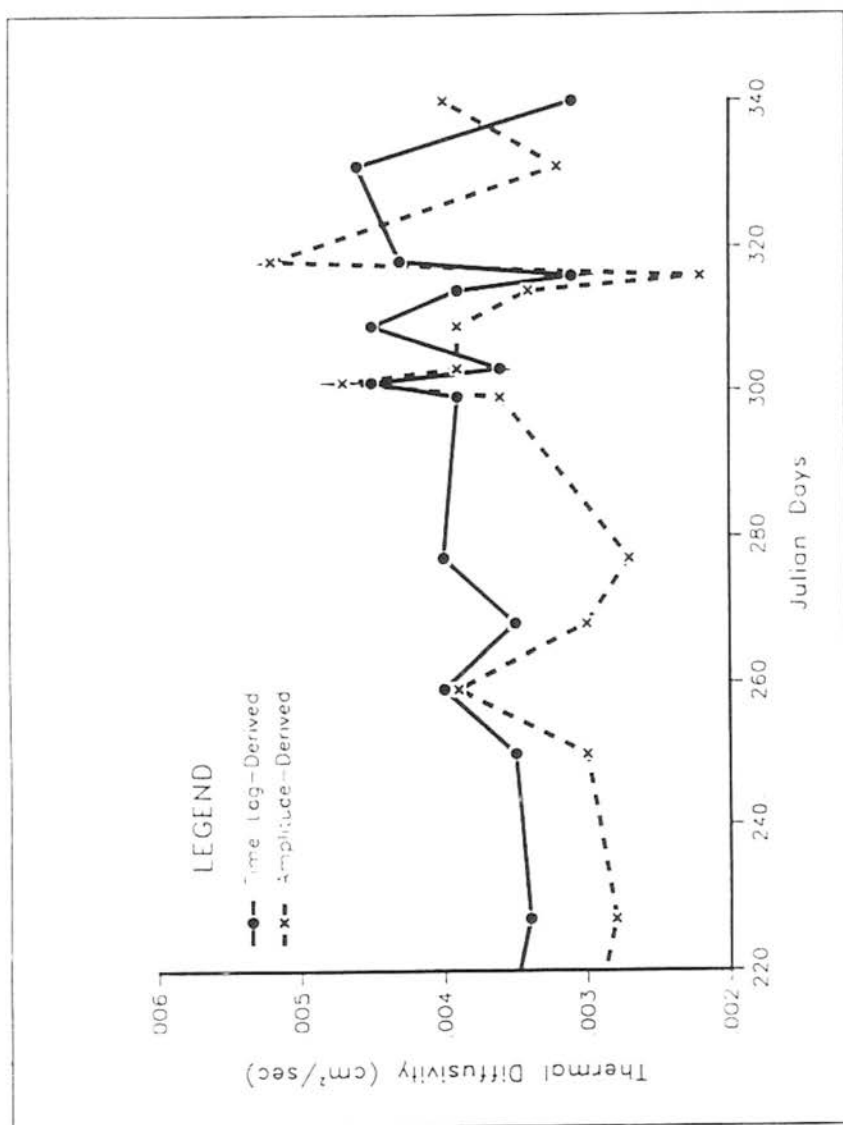


Figure 17. Time lag-derived thermal diffusivities compared with amplitude-derived diffusivities.

inherent assumption of a homogeneous medium, i.e., both the theoretical amplitudes and the amplitude-derived diffusivities are the result of the expectation that the amplitude decreases as  $e^{-(\omega/2D)^{1/2}z}$  where D is constant throughout the entire column. This assumption is not inherent in the time lag-derived diffusivity.

Figure 18 illustrates the relationship between amplitude-derived and time lag-derived average thermal diffusivities over the entire reporting period. Regression analysis yielded a correlation coefficient of 0.18 indicating very little relationship.

### Thermal Conductivity and Volumetric Moisture Contents over the 0-0.125 Meter Interval

The constancy of the observed amplitude as shown in Figures 9, 10 and 11 supports the assumption that the net radiation at night is equal to the flux into the soil during the day. The total heat flux is the sum of all negative net radiation values divided by the number of reporting periods.

Using equation 21 and the average time of maximum surface temperature as 1400 hours, the constant  $\Omega$  was calculated to be  $-2\pi/3$ . Evaluating the right-hand side of equation 25 using the constant calculated from equation 21, where  $\omega = 2\pi/p$  and  $p = 24$  hours, produces

$$\bar{F}_z = K_z a \frac{(\omega/2D)^{17.0}}{t_z - t_0} \int_{6.0}^{17.0} \left| \sin\left(\frac{\pi}{12}t - \frac{2\pi}{3}\right) + \cos\left(\frac{\pi}{12}t - \frac{2\pi}{3}\right) \right| dt$$

which leads to

$$K_z = \frac{\bar{F}_z(t_z - t_0)(3600\text{sec})}{a(\omega/2D)^{1/2}(10.80)(3600\text{sec})}$$

where the units of D are  $\text{cm}^2\text{sec}^{-1}$ .

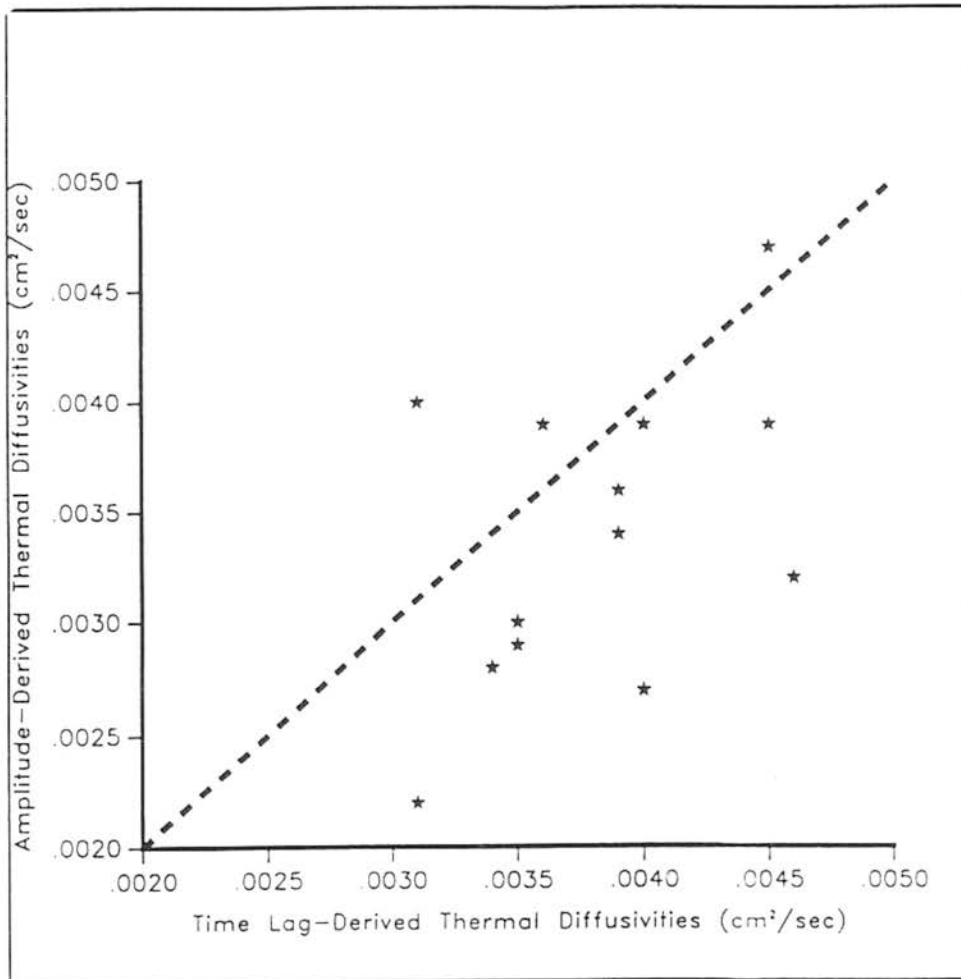


Figure 18. Regression-analysis scattergram of time lag-derived versus amplitude-derived thermal diffusivities ( $r^2 = 0.18$ ).

### Soil Properties

The soil sample consisted of the following grain sizes:

11% greater than 1.18 mm but less than 2.0 mm.

47% greater than 0.061 mm but less than 1.18 mm.

42% less than 0.061 mm.

The mass of the saturated sample was 193.0 grams and of the dry sample, 184.3 grams. The volume of the fluid was therefore 8.7 cm<sup>3</sup>. The total volume of the sample was 132.0 cm<sup>3</sup>. Evaluating the porosity from

$$n = \frac{V_{\text{fluid}}}{V_{\text{total}}}$$

yielded a value of 0.066. The dry bulk density ( $\rho_b$ ) equals

$$\rho_b = \frac{M_{\text{solids}}}{V_{\text{total}}} = 1.40 \text{ gm cm}^{-3}$$

Using the relation

$$n = 1 - \frac{\rho_b}{\rho_s}$$

the particle density ( $\rho_s$ ) was calculated to be 1.50 gm cm<sup>-3</sup>. Neither the porosity nor the particle density values are reasonable. According to the literature, the porosity of clay soils ranges from 0.3 to 0.6 and the particle density from 2.6-2.7 gm cm<sup>-3</sup> (Hillel, 1980). Using the particle density of 1.50 gm cm<sup>-3</sup> in equation 28 along with an estimated specific heat of 0.209 cal gm<sup>-1</sup> °C for a 25/75 quartz/clay ratio soil, volumetric water contents were calculated to be far greater than the porosity of the soil. It must therefore be assumed that the sample was not totally saturated.

When a particle density of  $2.65 \text{ gm cm}^{-3}$  is applied to equation 28, the ratios of the mass of water to the mass of solid values ( $w$ ) are negative with the exception of days 227, 250 and 259. Thus, the volumetric water content values are also negative. However, when the bulk density instead of the particle density is applied to equation 28, reasonable values for the volumetric water content are derived. Therefore this researcher has assumed that Hillel's (1980) use of the particle density in equation 28 is a typographical error.

Using Campbell's (1985) equation (27) and a porosity of 0.47 calculated from

$$\rho_b = n\rho_{\text{air}} + (1 + n)\rho_s$$

where  $\rho_s$ , the particle density, is assumed to be  $2.65 \text{ gm cm}^{-3}$ , yields

$$\theta = \frac{K}{D} - 0.307 \frac{\text{cal}}{\text{cm}^3 \cdot \text{C}}$$

Hillel's (1980) equation (28), using a bulk density of  $1.40 \text{ gm cm}^{-3}$  produces

$$\theta = \frac{K}{D} - 0.293 \frac{\text{cal}}{\text{cm}^3 \cdot \text{C}}$$

Table 4 lists the thermal conductivities over the 0-0.125 m interval calculated using equation 25 and compares the volumetric water content values calculated using both equations 27 and 28.

In general, Table 4 reveals the gradual drying of the upper 12.5 cm of the soil column between days 227 and 277. Calculation of the volumetric water content for days 301, 303 and 318 yielded negative values and therefore, have not been included. Due to the irreparable damage to the net radiometer on day 321, no values for the flux across the soil surface are available.



TABLE 4. Thermal conductivities and volumetric water contents over the 0-0.125 m interval.

Day	Average Heat Flux ( $\text{cal cm}^{-2}\text{sec}^{-1}$ )	Thermal Conductivity 0-0.125m ( $\text{cal cm}^{-1}\text{sec}^{-1} \cdot \text{C}^{-1}$ )	$\frac{K}{D}$ ( $\text{cal cm}^{-3} \cdot \text{C}^{-1}$ )	Volumetric Water Content (eqn.27)	Volumetric Water Content (eqn.28)
227	$1.053 \times 10^{-3}$	0.0017	0.6071	0.30	0.31
250	$9.589 \times 10^{-4}$	0.0016	0.5926	0.29	0.30
259	$1.109 \times 10^{-3}$	0.0015	0.6000	0.29	0.30
268	$1.036 \times 10^{-3}$	0.0014	0.5185	0.21	0.23
277	$1.005 \times 10^{-3}$	0.0015	0.5556	0.25	0.26
299	$6.219 \times 10^{-4}$	0.0012	0.3636	0.06	0.07
301	$2.251 \times 10^{-4}$	0.0005	0.1515	-	-
303	$4.609 \times 10^{-4}$	0.0009	0.2727	-	-
309	$3.658 \times 10^{-4}$	0.0014	0.4667	0.16	0.17
314	$7.118 \times 10^{-4}$	0.0014	0.4667	0.16	0.17
317	$3.660 \times 10^{-4}$	0.0013	0.3939	0.09	0.10
318	$4.433 \times 10^{-4}$	0.0007	0.2323	-	-

The similarity of these volumetric water content values supports the assumption that Hillel's (1980) usage of the particle density rather than the bulk density is a typographic error.

Figure 19 compares the thermal conductivity and the thermal diffusivity over the reporting period. It is readily seen that when precipitation occurred, the thermal diffusivity increased, but the thermal conductivity decreased. Dresser Atlas (1982) noted that where clays are a major constituent of the soil, the thermal conductivity is inversely proportional to the water content. As water infiltrates, clay particles can swell, thus increasing the surface area and hence the porosity of the clay soil (K. Cartwright, 1988, personal communication).

#### Thermal Conductivity over the 0.125-0.50 Meter Interval

Assuming that the majority of the energy gained and lost by the soil column resulted in the greater amplitude at the 0.125 m depth, fluxes for the rest of the

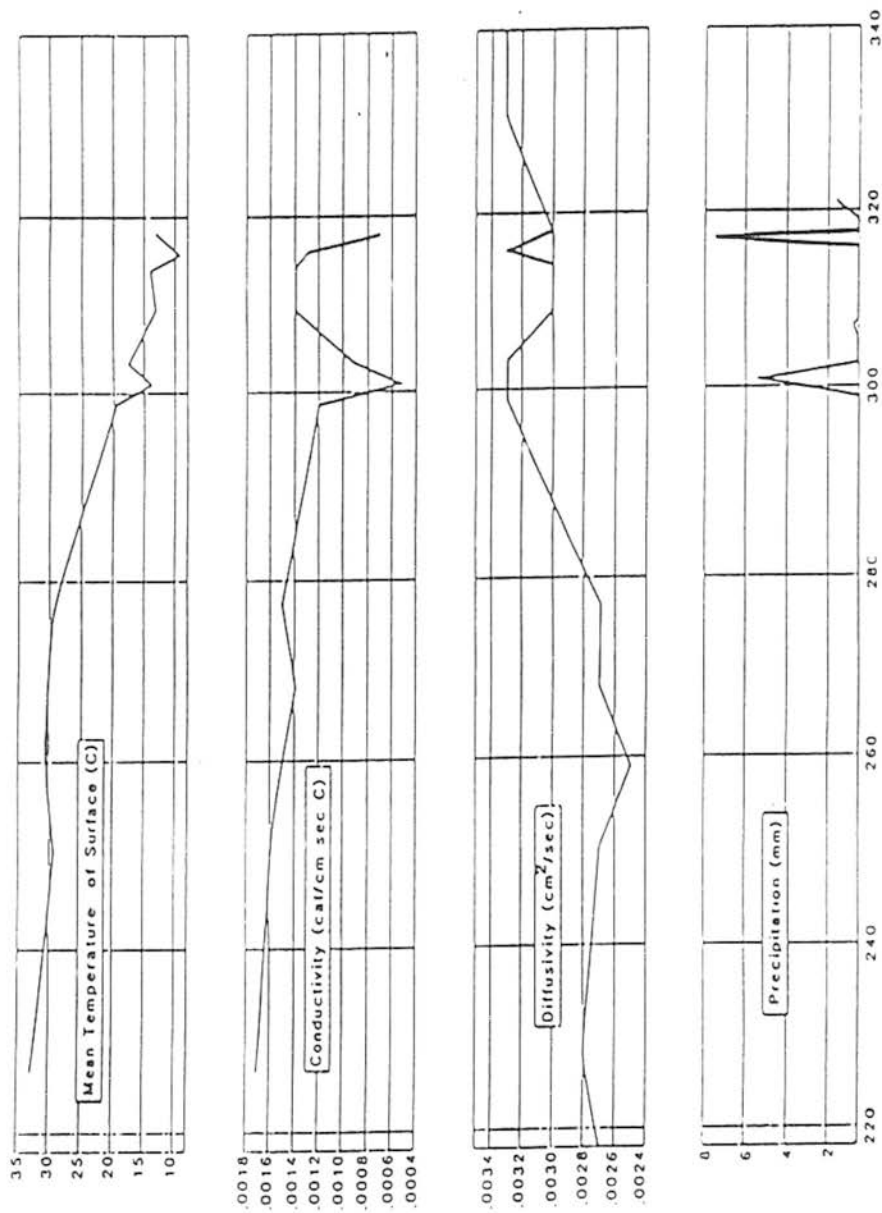


Figure 19. Thermal conductivities and thermal diffusivities compared with mean surface temperature and precipitation.

column to 0.50 m were calculated using the thermal conductivity value over the 0-0.125 m interval, the average thermal diffusivity value for the 0-0.50 m interval, and the amplitude at the 0.50 m level. These values, together with the velocity of the propagation of energy are listed in Table 5. Fluxes from the lower portion of the soil column are on the average three orders of magnitude less than the incoming flux at the surface. This supports the assumption that the majority of the incoming and outgoing flux is utilized in heating and cooling the upper portion of the soil column. However, it must be noted that if the thermal conductivity at depth is greater than in the 0-0.125 m interval, the flux would also be greater.

TABLE 5. Average fluxes over 0.125 - 0.50 m interval assuming thermal conductivity is uniform throughout the soil column.

Day	Average Diffusivity 0-0.50m. ( $\text{cm}^2 \text{sec}^{-1}$ )	Thermal Conductivity 0-0.125m. ( $\text{cal cm}^{-1}\text{sec}^{-1} \cdot \text{C}^{-1}$ )	Amplitude at 0.5m ( $^{\circ}\text{C}$ )	Time lag (hrs)	Flux ( $\text{cal cm}^{-2}\text{sec}^{-1}$ )	Velocity ( $\text{cm sec}^{-1}$ )
227	0.0034	0.0017	0.07	19.75	$6.73 \times 10^{-6}$	$7.03 \times 10^{-4}$
250	0.0036	0.0016	0.06	19.25	$5.40 \times 10^{-6}$	$7.24 \times 10^{-4}$
259	0.0040	0.0015	0.16	18.25	$1.30 \times 10^{-6}$	$7.63 \times 10^{-4}$
268	0.0035	0.0014	0.09	19.50	$7.11 \times 10^{-6}$	$7.34 \times 10^{-4}$
277	0.0040	0.0015	0.06	18.25	$5.08 \times 10^{-6}$	$7.34 \times 10^{-4}$
299	0.0043	0.0012	0.08	18.50	$5.15 \times 10^{-6}$	$7.63 \times 10^{-4}$
301	0.0045	0.0005	-	-	-	$8.09 \times 10^{-4}$
303	0.0036	0.0009	0.10	19.25	$5.07 \times 10^{-6}$	$7.24 \times 10^{-4}$
309	0.0045	0.0014	-	-	-	$8.09 \times 10^{-4}$
314	0.0039	0.0014	0.08	18.50	$6.31 \times 10^{-6}$	$7.53 \times 10^{-4}$
317	0.0031	0.0013	-	-	-	$6.72 \times 10^{-4}$
318	0.0043	0.0007	-	-	-	$7.91 \times 10^{-4}$
331	0.0046	-	-	-	-	$8.18 \times 10^{-4}$

### Comparison of Temperatures at a Depth of One Meter

Figure 20 compares the temperatures at 1.0 m at 1400 hours in the soil column, the 1.75 m PVC pipe and the 1.0 m PVC pipe. It is evident that the 1.0 m PVC pipe bottom-hole temperature more accurately measures the adjacent soil column than does the 1.0 m measurement in the 1.75 m PVC pipe.

For a given change in temperature, the heat required is

$$Q = mc\Delta T$$

where

$Q$  = the amount of calories either lost or gained;

$m$  = the mass of the object heated or cooled;

$c$  = the heat capacity of the object; and

$\Delta T$  = the change in temperature.

Given that the input of heat (the influx of solar radiation) into both pipes and the heat capacity of the fluid in both pipes were the same, it can be seen from the above equation that a given change in temperature in a 1.75 m pipe would require the addition or extraction of more heat than in a 1.0 m pipe. Thus, the temperature at 1.0 m in the 1.75 m pipe would be expected to be lower than in the 1.0 m pipe.

Each thermistor used in the experiment was left to equilibrate with the environment for one week prior to its hook-up to the datalogger. As can be seen from Figure 20, the initial temperatures recorded are reasonably similar. And later, after day 299, both the 1.75 m PVC and 1.0 m PVC pipe 1.0 m measurements decreased a similar amount, thus maintaining approximately 5°C difference. This suggests the presence of a heat source in the vicinity of the 1.75 m PVC pipe. However, because the two pipes were situated within one meter of

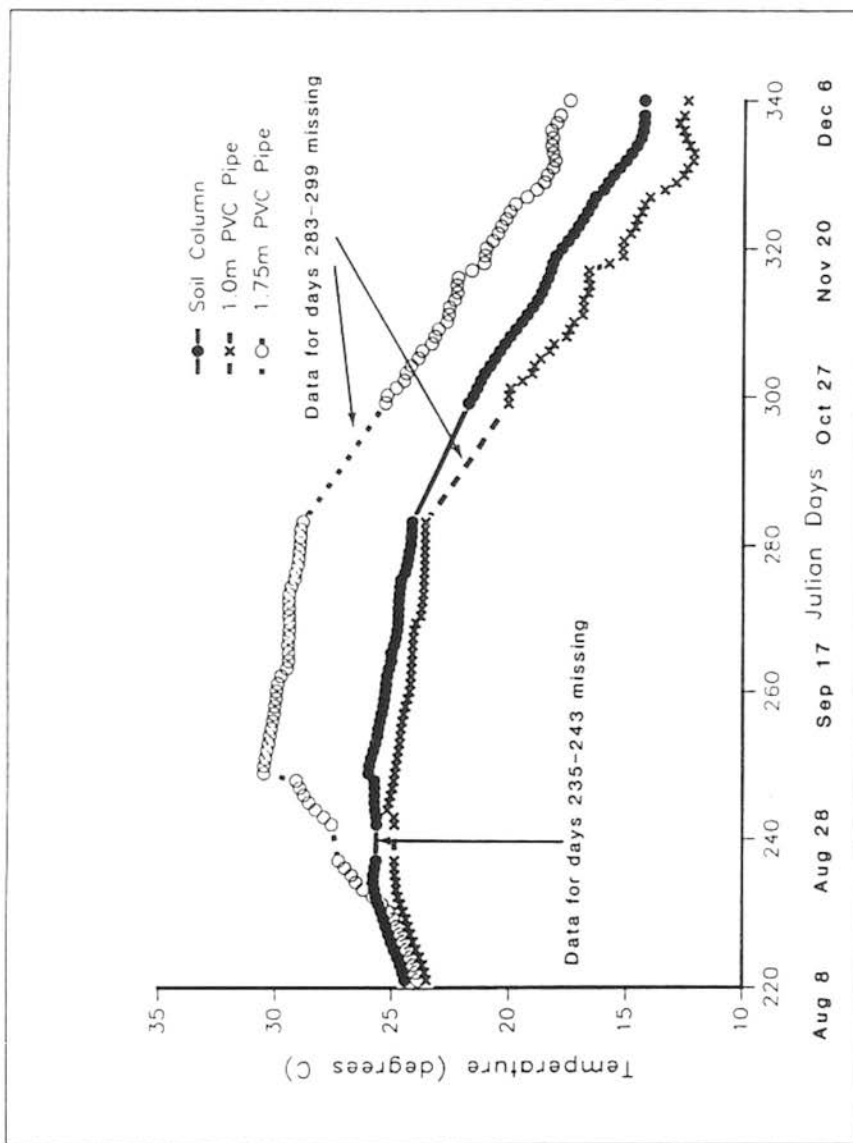


Figure 20. Temperatures at 1400 hours at one meter in the soil column, the 1.75 m PVC pipe, and at the bottom of the 1.0 m PVC pipe.

each other, and at the same altitude, the constant 5 °C elevation in the temperature in the 1.75 meter PVC pipe must be considered to be anomalous.

### Predicted Temperatures at One Meter in Fluid-Filled Pipes

Using equation 21 and a thermal diffusivity of  $0.0012 \text{ cm}^2\text{sec}^{-1}$  for the antifreeze/water mixture and  $7.5 \times 10^{-4} \text{ cm}^2\text{sec}^{-1}$  for the 0.2-cm thick PVC cap (R. Purcell, 1988, personal communication) theoretical temperatures at 1.0 m within the pipes were calculated. Table 6 lists the observed versus theoretical values for capped pipes for days 281 and 299. As can be seen, the theoretical values more generally reflect the observed temperatures at 1.0 m in the 1.75 m PVC pipes.

TABLE 6. Observed temperatures at 1.0 m in the PVC pipes compared to those calculated using equation 21.

Day	Time (hrs)	Observed			Theoretical (°C)
		Soil Column (°C)	1.0m PVC pipe (°C)	1.75m PVC pipe (°C)	
281	1400	24.15	23.63	28.90	34.17
282	0700	24.14	23.61	28.84	34.17
299	1400	21.76	20.13	25.36	24.15
300	0700	21.64	20.08	25.34	24.15

### Effect of Precipitation on Soil Temperatures

Figure 21 illustrates the effect of a total of 2.54 mm of precipitation between 0900 and 1045 and 3.05 mm of precipitation between 1345 and 1430 on soil temperatures and PVC pipe temperatures on day 301. Figure 22 shows the effect of a total of 7.62 mm between 1530 and 1845 on day 317, and 1.52 mm on day 321. Table 7 summarizes the data shown on these figures. Although fluctuations in the temperatures of the fluid-filled PVC pipes are only intermittent prior to day 283 (October 9) (Appendix C), Figures 21 and 22 show regular diurnal fluctuations in both PVC pipes at 1.0 m after day 299 (October 26). While this phenomenon has not been noted in the literature, this change in regularity of the diurnal fluctuation may be the result of the percolation of water down the outside of the PVC pipes, thus increasing the thermal contact between the pipes and the soil. Where there may have been a thin band of air surrounding and thus insulating the pipes prior to a precipitation event, water with its greater thermal conductivity ( $K_{\text{water}} = 0.0014 \text{ cal cm}^{-1}\text{sec}^{-1} \text{ } ^\circ\text{C}^{-1}$ ;  $K_{\text{air}} = 0.00006 \text{ cal cm}^{-1}\text{sec}^{-1} \text{ } ^\circ\text{C}^{-1}$ ), would allow not only greater vertical heat flow, but also greater radial heat flow from the pipes to the soil and vice versa. While there was no physical evidence of rainfall at the experimental site, meteorological data for the period from day 283 to day 299 gathered at the same altitude but approximately 8 km west of the experimental site, showed a gradual decrease in minimum and maximum air temperatures and two precipitation events amounting to 13.5 mm.

Also to be noted from Figures 21 and 22, where there is no evidence of percolating precipitation affecting the 1.0 m temperatures in the soil column on days 301 and 317, the 1.0 m temperatures in both PVC pipes have been affected. This suggests that the thermal conductivity of the soil immediately adjacent to the pipes differs from that at 1.0 m in the "control hole".

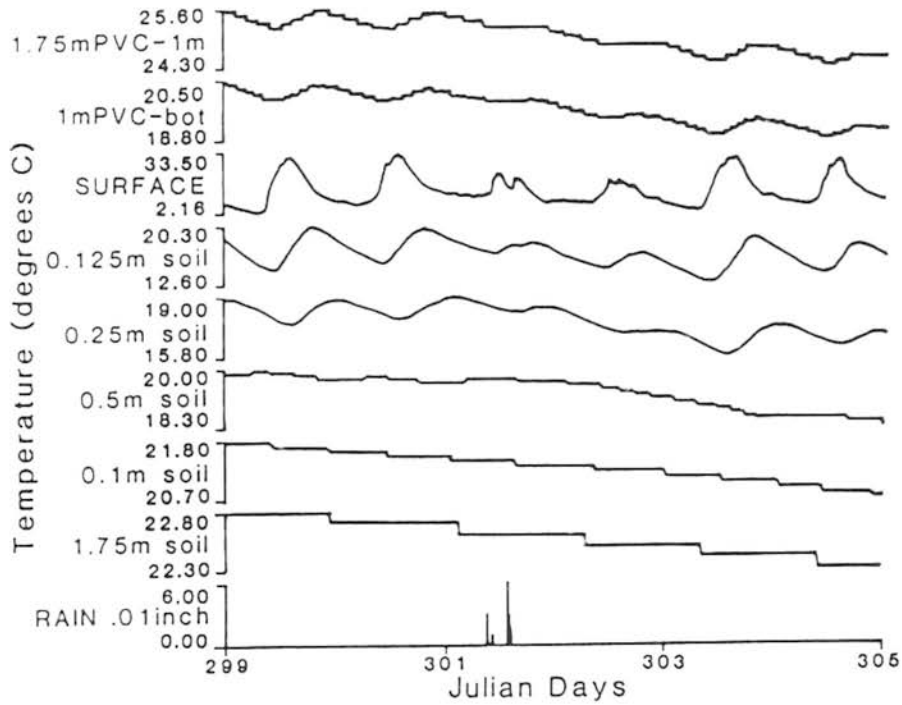


Figure 21. The effect of precipitation on temperatures on day 301.

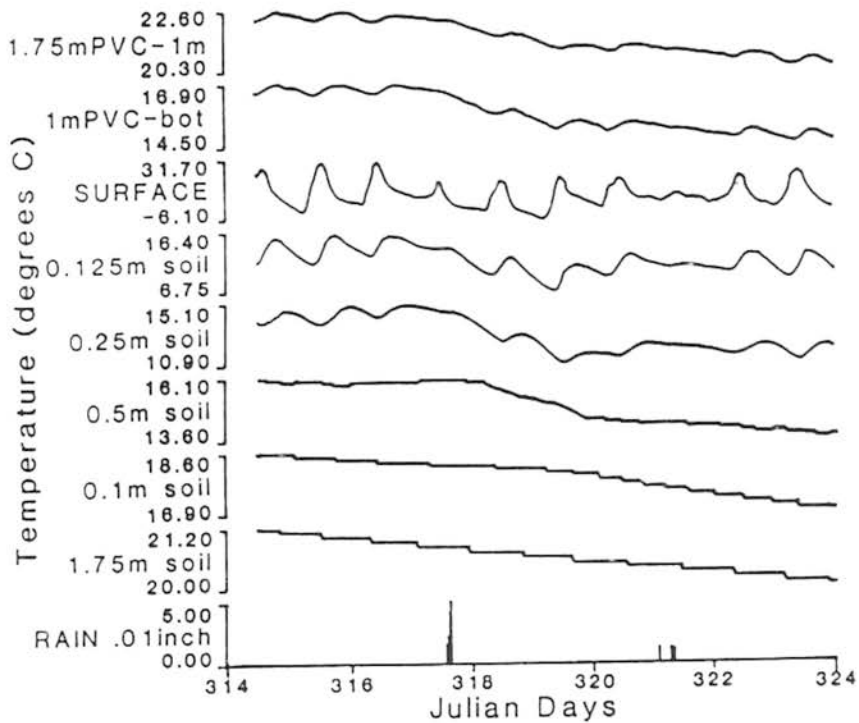


Figure 22. The effect of precipitation on temperatures on day 317.



TABLE 7. Summary of soil temperature maxima and minima before, during and after precipitation events.

Day	Surface Temperature (°C)				0.125m Temperature (°C)				0.25m Temperature (°C)			
	Max.	Time	Min.	Time	Max.	Time	Min.	Time	Max.	Time	Min.	Time
291	45.72	1430	7.51	0715(292)	27.12	1950	14.79	1045(292)	24.80	0000(291)	17.04	1400(292)
299	32.60	1400	6.07	0700(300)	20.36	1915	15.58	1045(300)	18.88	0015(300)	17.82	1400(300)
300	53.50	1415	10.04	0630(301)	20.14	1900	16.74	1115(301)	18.91	0045(301)	18.20	1615(301)
301	20.02	1530	7.52	0630(302)	18.28	1900	14.06	1045(302)	18.57	2130(301)	16.98	1515(302)
302	18.53	1330	2.16	0730(303)	16.44	1845	12.65	1045(303)	17.17	2115(302)	15.82	1330(303)
303	30.06	1515	5.30	0800(304)	18.57	1915	13.82	0845(304)	17.24	0030(304)	16.21	1415(304)
304	28.36	1400	2.49	0745(305)	17.55	1800	13.06	1030(305)	16.99	2245(304)	15.81	1400(305)
305	25.89	1230	0.53	0800(306)	16.43	1730	12.12	1030(306)	16.40	2230(305)	15.23	1400(306)
315	31.31	1445	3.06	0645(316)	16.44	1945	12.26	1015(316)	15.02	0100(316)	14.14	1330(316)
316	31.79	1300	8.24	0515(317)	16.06	1900	13.49	1330(317)	15.13	0030(317)	-	-
317	18.46	1415	-1.19	0800(318)	13.82	1700	9.10	1130(318)	12.97	2230(318)	12.47	1515(318)
318	19.19	1515	-6.10	0800(319)	12.47	1845	7.08	1330(319)	-	-	10.90	1515(319)
319	20.21	1400	0.44	0800(320)	11.11	1850	8.88	1045(320)	11.97	0145(320)	11.53	1345(320)
320	19.49	1500	5.58	0800(321)	12.50	1915	10.34	1100(321)	12.32	0130(321)	11.91	1445(321)

Note: Where the maxima and minima occurred on the following day, the day is listed in parentheses. A dash (-) indicates where the minimum occurred more than one day later than the maximum.

#### *Precipitation-Caused Depressions on Day 301*

Figure 23 shows the precipitation-caused depressions in the soil column temperatures at depth over days 300, 301 and 302. Using the maximum temperatures of days 299 and 300, a decrease of the maximum surface temperature can be seen by day 301 when precipitation occurred, with day 302 showing an even greater decrease. Precipitation and colder weather on day 301 produced a 13.48 °C depression in the maximum surface temperature, and a successive depression of approximately 1.5 °C on day 302. By day 303, the maximum temperature had nearly regained the maximum of days 299 and 300. The minimum for day 299, which occurred on day 300, was 6.07 °C. The minimum for day 300 (which occurred at 0630 hours on day 301) was 10.04 °C. This increase may have been

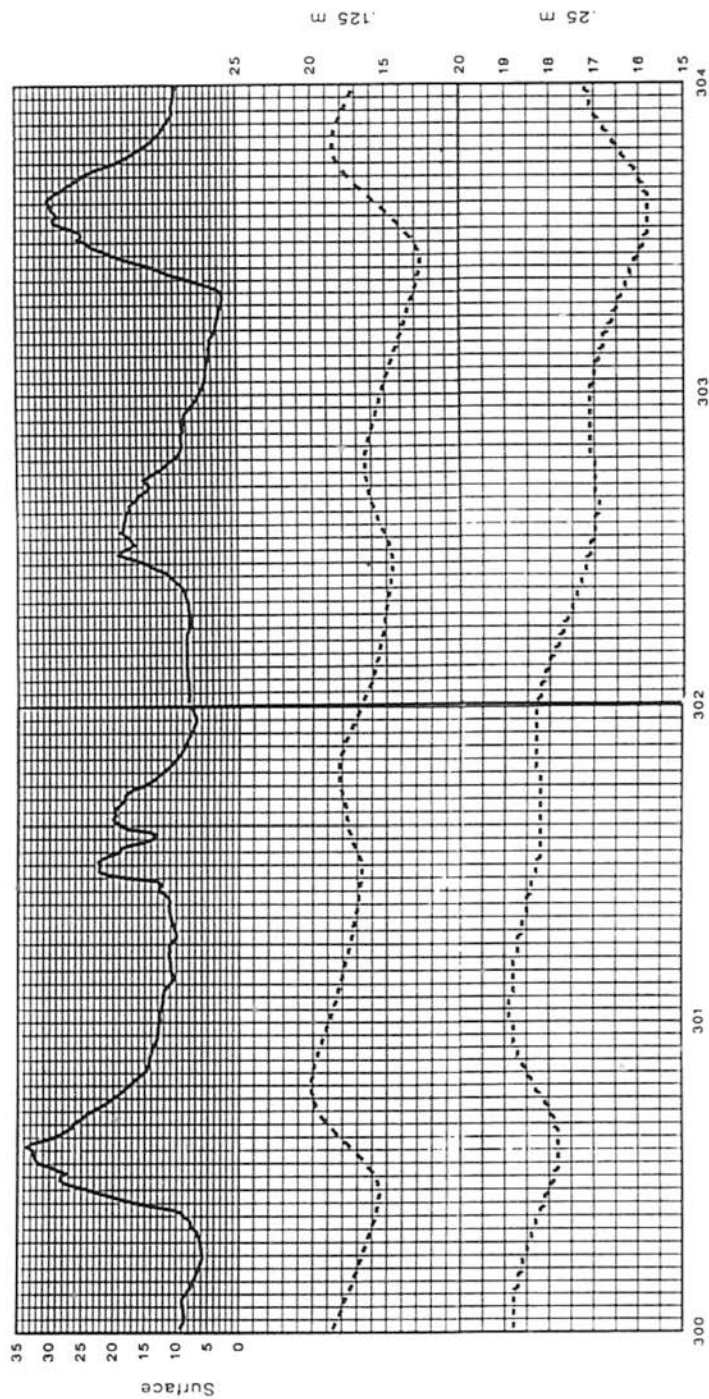


Figure 23. Precipitation-caused temperature depressions on days 300-303 (October 27-30).

due to increased cloudiness and thus the inability for longwave radiation to escape into the atmosphere. Such a conclusion is supported by the high minimum air temperature ( $10.83^{\circ}\text{C}$  at 0700 hours on day 301) as compared with  $7.96^{\circ}\text{C}$  for day 301 (at 0500 hours on day 300) and  $5.88^{\circ}\text{C}$  which occurred at 0630 hours on day 299 (see Appendix A).

On day 301, infiltration of precipitation at 0900 hours caused a  $1.86^{\circ}\text{C}$  depression (from 20.14 to 18.28) in the maximum temperatures of the 0.125 m curve, but increased the minimum from  $15.58^{\circ}\text{C}$  on day 300 to  $16.74^{\circ}\text{C}$  on day 301. On day 302 while the maximum was  $16.44^{\circ}\text{C}$ , the minimum was  $14.66^{\circ}\text{C}$ . By day 303, the maximum reached  $18.57^{\circ}\text{C}$ , while the minimum reached  $12.65^{\circ}\text{C}$ . At the 0.25 m level, the depression in the maximum was only slight (from  $18.91^{\circ}\text{C}$  at 0045 hours to  $18.37^{\circ}\text{C}$  at 2130 hours on day 301), however, the minimum increased from  $17.82^{\circ}\text{C}$  (day 300) to  $18.20^{\circ}\text{C}$  (day 301). The minimum on day 302 was  $16.98^{\circ}\text{C}$  while the maximum was  $17.17^{\circ}\text{C}$  and on day 303, the minimum was  $15.82^{\circ}\text{C}$ , and the maximum was  $17.24^{\circ}\text{C}$  (at 0030 hours on day 304).

#### *Precipitation-Caused Depressions on Day 317*

Figure 24 shows precipitation-caused temperature depressions in the soil column at depth for days 316, 317 and 318. For day 317, the maximum surface temperature decreased from  $31.79^{\circ}\text{C}$  on day 316 to  $18.46^{\circ}\text{C}$  on day 317. The maximum value for day 318 was  $19.19^{\circ}\text{C}$ , finally reaching  $20.21^{\circ}\text{C}$  on day 319. At 0.125 m, the depression is more striking; while the maximum value was depressed more than  $2^{\circ}\text{C}$  on day 317, the minimum temperature increased from  $12.26^{\circ}\text{C}$  on day 316 to  $13.49^{\circ}\text{C}$  on day 317, and then decreased to  $9^{\circ}\text{C}$  on 318, and to  $7^{\circ}\text{C}$  on day 319. At the 0.25 m level, the maxima and minima have been

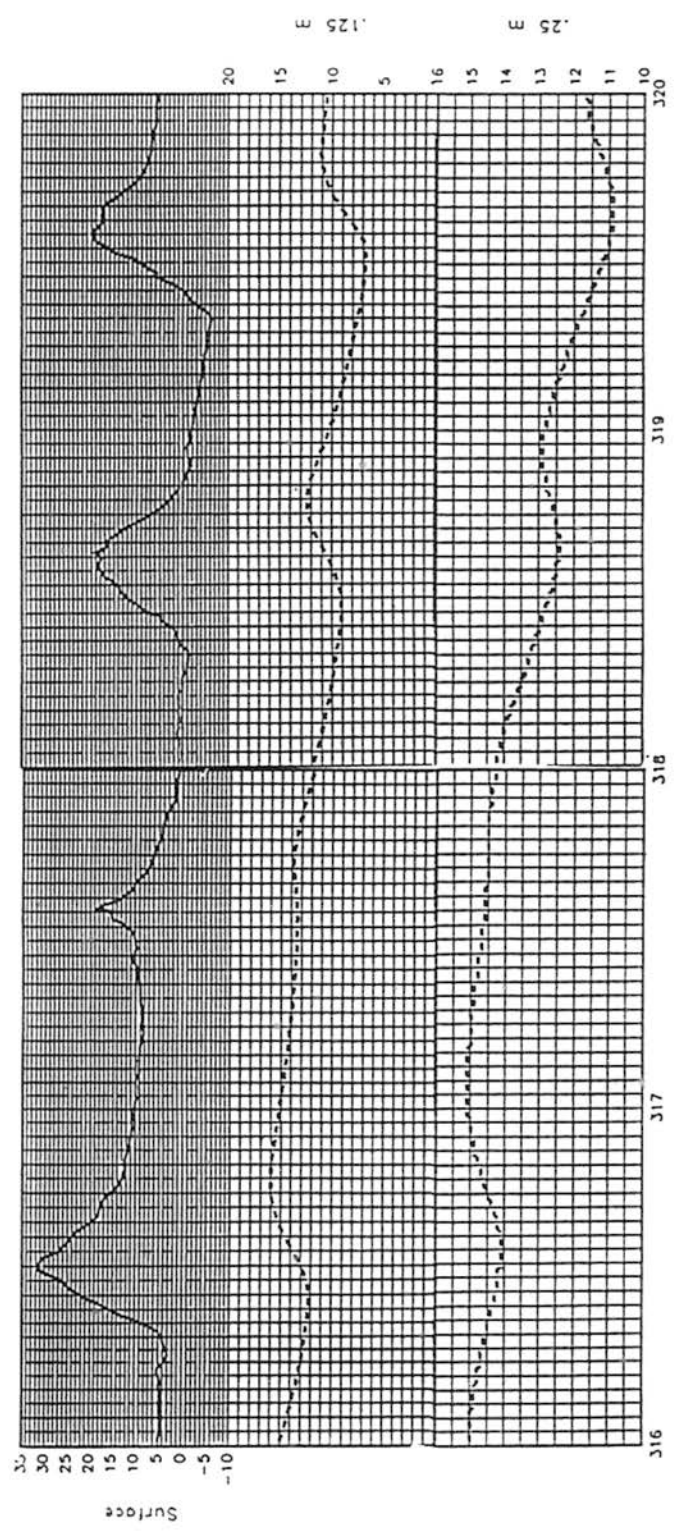


Figure 24. Precipitation-caused temperature depressions on days 316-319 (November 12-15).

erased through day 318. This resulted in the depression of the minimum temperature from  $14.14^{\circ}\text{C}$  on day 316 to  $12.47^{\circ}\text{C}$  on day 318, to  $10.90^{\circ}\text{C}$  on day 319. The maxima were depressed from just over  $15^{\circ}\text{C}$  at 0030 hours on day 317, to  $12.97^{\circ}\text{C}$  at 2230 hours on day 318 and to  $11.97^{\circ}\text{C}$  at 0145 hours on day 320.

### **Changes in Time of Occurrence of Temperature Minima and Maxima**

It is evident from Table 7 that when precipitation occurs, not only are the maximum and minimum temperatures altered, but the times at which they occur change. While the surface temperatures do not yield data which are conclusive due to the effect of weather (cloudiness, windiness, etc.), subsurface temperatures reveal a great deal. Of particular note is the effect of precipitation on the time of occurrence of the maximum and minimum temperatures at depth. It can be seen that at the 0.125 m level on day 303, the maximum occurred later than on the days prior to the precipitation event, where the general trend was toward the maxima occurring earlier than on the previous day. The minimum, however, occurred two hours earlier than on the previous day. On day 317, the maximum occurred two hours earlier than on the previous day while on days 318 and 319, the maximum occurred later when the trend was towards an earlier occurrence. The minima, which generally occurred at 1015 and 1030 hours, occurred at 1330 on both days 317 (prior to the precipitation event) and 319, two days after the event.

### **Velocity of Percolation**

Using Figures 23a-b and 24a-b, the equivalent of the Darcian velocity can be estimated from the successive depressions in the temperatures. On day 301, precipitation first occurred at 0900 hours. An increase in the minimum temperature

was seen by 1200 hours at the 0.125 m level. Thus within three hours following the precipitation, the effect of percolating groundwater was evident, yielding a percolation rate of  $1.2 \times 10^{-3} \text{ cm sec}^{-1}$ . At the 0.25 m level, the precipitation had impacted the minimum temperature by 1300 hours. Using this one hour delay, the percolation rate between 0.125 and 0.25 m was calculated to be  $3.5 \times 10^{-3} \text{ cm sec}^{-1}$ . Thus a portion of the 2.54 mm of precipitation had moved downward from the surface to 0.25 m in four hours yielding an average percolation rate of  $1.7 \times 10^{-3} \text{ cm sec}^{-1}$ . On day 317, a depression in the maximum was evident two hours after the onset of precipitation, yielding a percolation rate of  $1.7 \times 10^{-3} \text{ cm sec}^{-1}$  between the surface and 0.125 m. Percolating groundwater reached the 0.25 m level by 1800 hours yielding a rate of  $7.0 \times 10^{-3} \text{ cm sec}^{-1}$  between 0.125 and 0.25 m. Averaged over the 0-0.25 m interval this yielded an average percolation rate of  $2.8 \times 10^{-3} \text{ cm sec}^{-1}$ .

## VIII. RESULTS OF THE ANALYSIS OF DIXIE VALLEY DATA

### Distribution of One-Meter Temperatures at Canyon Mouths

One-meter temperatures at the bases of the major canyons from June to September are plotted on Figures 25-27.

#### *Cottonwood Canyon*

For Cottonwood Canyon in the north where Ingraham et al. (1982) reported surficial evidence of flash flooding in July, it is apparent that temperatures were greater in July than in June, and when measured in August, generally greater than in July. In September, temperatures decreased to below the August temperatures. Thus, it is not evident from the spatial distribution of one-meter temperatures that flash flooding occurred in Cottonwood Canyon in July.

#### *Mississippi Canyon*

All July temperatures in Mississippi Canyon were greater than the June temperatures with the most notable increase occurring along the drainage course. The August temperatures were again increased over the July temperatures and in September, they have decreased back to approximately the July temperatures.

#### *White Rock Canyon*

In White Rock Canyon, all temperatures in July were increased at least 2° C over the June temperatures with the exception of the hole located near the drainage course which is denoted by an arrow. This temperature decreased 0.9° C. The August temperatures were again generally increased and in September most temperatures have again decreased. Thus, the only evidence of a depression in temperature resulting from the percolation of flood waters comes from one hole.

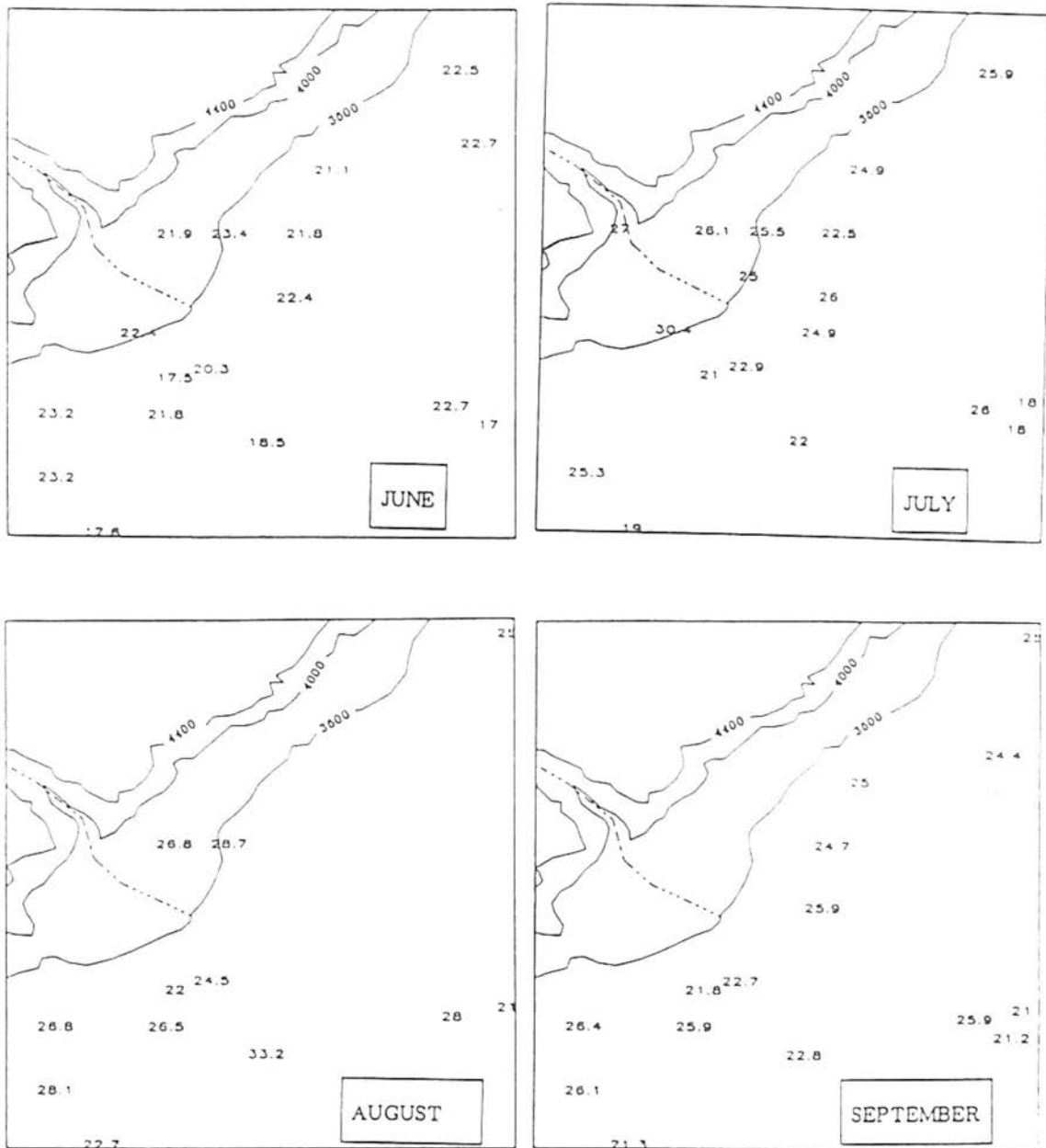


Figure 25. One-meter temperatures at the mouth of Cottonwood Canyon.



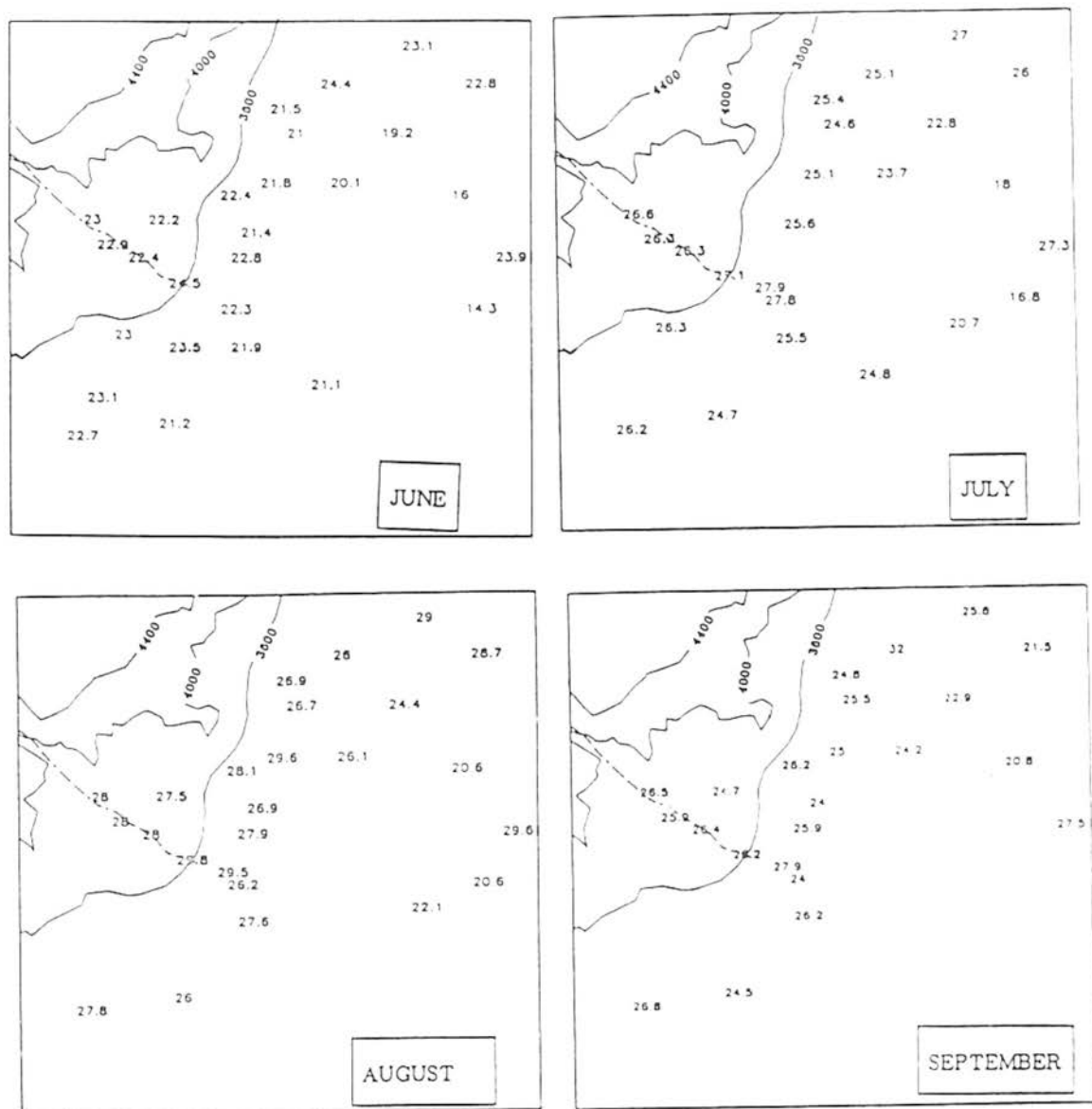


Figure 26. One-meter temperatures at the mouth of Mississippi Canyon.

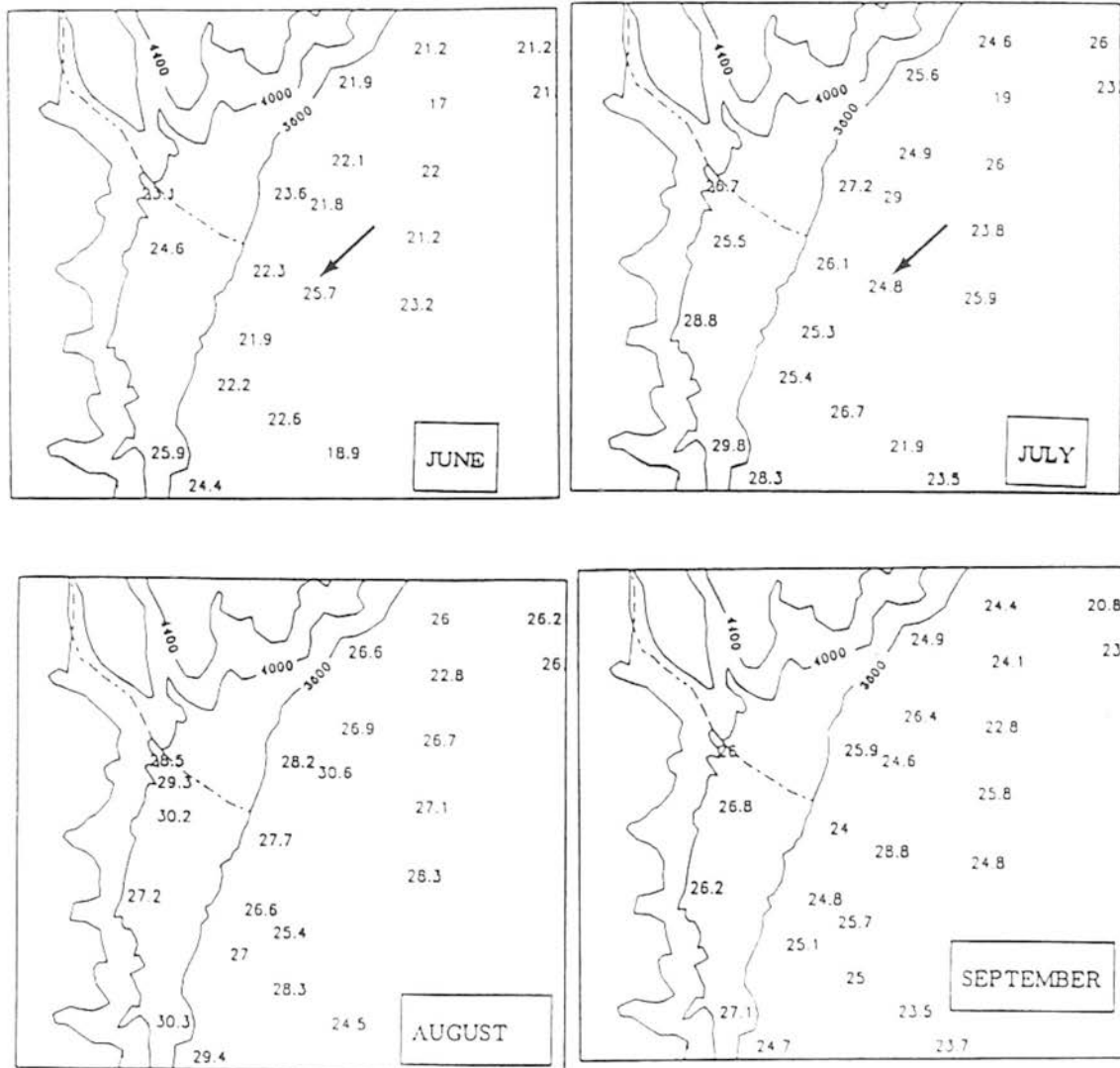


Figure 27. One-meter temperatures at the mouth of White Rock Canyon.

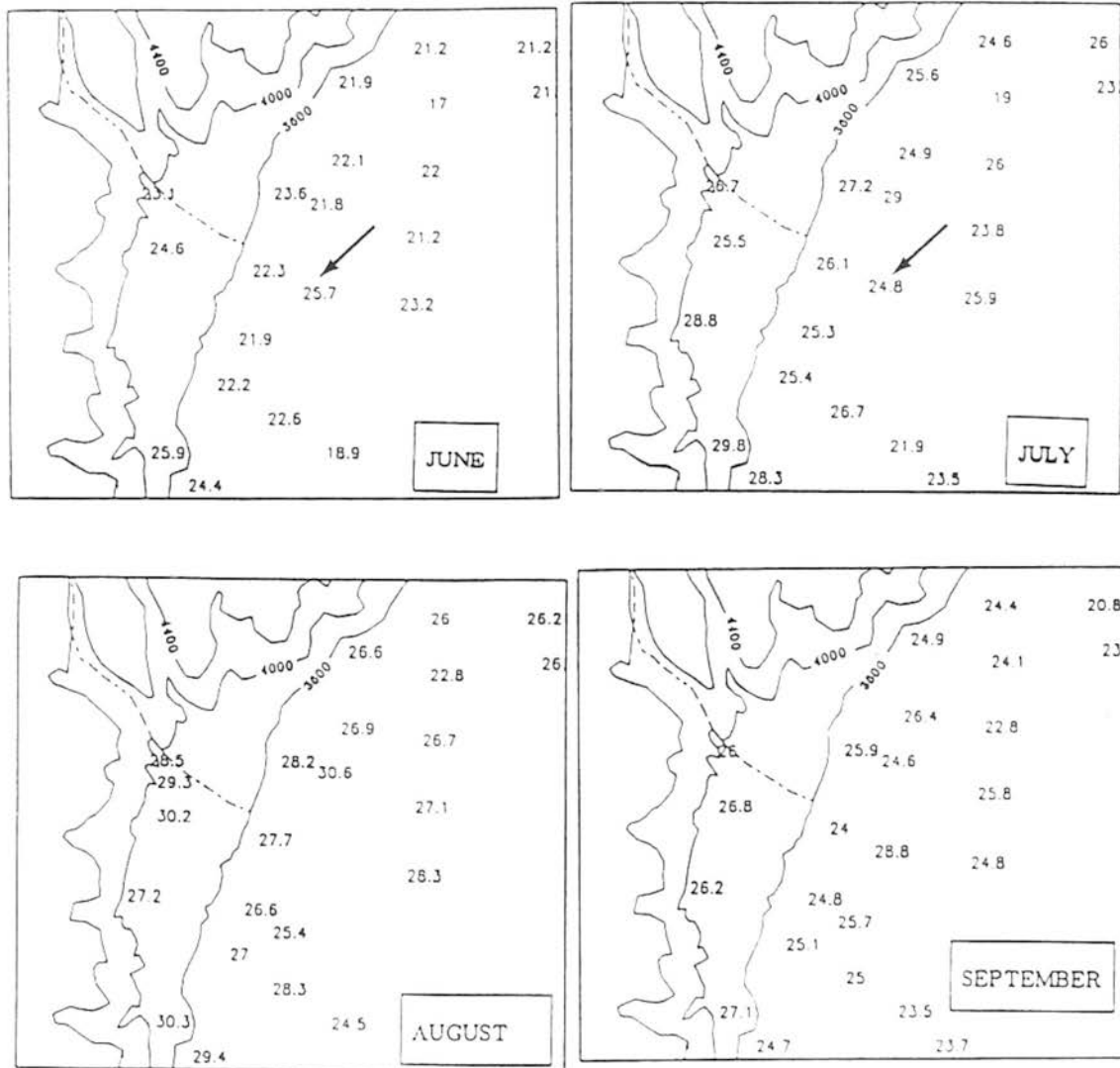


Figure 27. One-meter temperatures at the mouth of White Rock Canyon.

## IX. SUMMARY AND CONCLUSIONS

### Summary

Analysis of the data collected from the experimental site and from Dixie Valley yielded the following results:

- Air and subsurface soil temperatures recorded at Reno, Nevada generally exhibited a periodicity resembling a sine curve.
- The amplitude of the curve decreased with increasing depth; while it was slightly evident at 0.50 m in the soil column, at a depth of 1.0 m, no diurnal fluctuation was detectable.
- Thermal diffusivities calculated from time lags measured over specific depth intervals indicated that the medium is heterogeneous; the lowest values were found in the upper 0.125 m where the medium was very dry and loose and the highest values in the 0.25 - 0.50 m interval where the soil was firmly packed.
- Average thermal diffusivities calculated from the time lags between curves at differing depths ranged from  $0.0027$  to  $0.0040 \text{ cm}^2\text{sec}^{-1}$  during the dry portion of the year, but increased to  $0.0045 \text{ cm}^2\text{sec}^{-1}$  after a precipitation event.
- Regression analysis indicated no relationship between the observed and predicted amplitudes nor the time lag-derived and amplitude-derived thermal diffusivities.
- Thermal conductivities ranged from  $0.0012$  to  $0.0017 \text{ cal cm}^{-1}\text{sec}^{-1} \text{ } ^\circ\text{C}^{-1}$  prior to precipitation events, and had values of  $0.0005$  and  $0.0007$

cal cm<sup>-1</sup>sec<sup>-1</sup> °C<sup>-1</sup> following precipitation events.

- The inverse relationship of thermal conductivity to thermal diffusivity and precipitation confirmed the presence of swelling clays within the soil column.
- Volumetric water contents indicated a gradual drying of the soil column over the recording period, but values could not be calculated for the days immediately following rainfall.
- Bottom-hole temperatures in the 1.0 m PVC pipe more accurately measured the temperature of the adjacent soil column than did the 1.0 m temperature in the 1.75 m PVC pipe. A nearly constant 5 °C difference existed between these 1.0 m PVC pipe temperatures.
- Predicted 1.0 m temperatures calculated using the thermal diffusivities of the PVC pipe and the water/antifreeze mixture more generally reflected the observed temperatures at 1.0 m in the 1.75 PVC pipe.
- Temperatures at 1.0 m in the PVC pipes fluctuated only intermittently prior to October 9, but regular diurnal fluctuations were discernible after October 26. This phenomenon is thought to be due to increased thermal contact between the pipes and the soil caused by percolation of unrecorded precipitation down the pipe/soil interface.
- Precipitation-caused depressions in the soil column temperature curves and in the PVC pipe 1.0 m values could be discerned readily.

- Average percolation velocities were  $1.7 \times 10^{-3} \text{ cm sec}^{-1}$  for the precipitation on day 301 and  $2.8 \times 10^{-3} \text{ cm sec}^{-1}$  for the rainfall on day 317.
- No evidence was found to indicate flash-flooding had occurred in Dixie Valley in July, 1979.

### Conclusions

The control experiment has shown that information regarding not only the thermal properties, but also the hydrologic properties of the soil zone can be estimated from temperature measurements. Thermal diffusivities, even where correlation coefficients are low, generally fall within the range of values produced by other investigations. Patten's (1909) laboratory investigation yielded diffusivities ranging from  $0.0025 \text{ cm}^2\text{sec}^{-1}$  for dry clay soils to  $0.0045 \text{ cm}^2\text{sec}^{-1}$  for moist clay soils. Lettau's (1951) work yielded a value of  $0.0037 \text{ cm}^2\text{sec}^{-1}$  for a sandy clay with a bulk density of  $1.78 \text{ gm cm}^{-3}$  with a 15 percent moisture content. The use of observed amplitudes to determine thermal diffusivities in general yielded lower values than the time-lags. The use of time lag-derived diffusivities to predict amplitude at depth yielded greater values than observed. Regression analysis showed no relationship between the observed and predicted amplitudes nor the time lag-derived and amplitude-derived thermal diffusivities. These results are thought to be due to an inherent assumption that the soil column was homogeneous in models to predict amplitude at depth from surface amplitude, and thermal diffusivities from observed amplitudes.

Thermal conductivities compare favorably with those determined in the laboratory by Woodside and deBruyn (1959) for a clay soil. Their values for three different experiments on a soil with 19.6 percent water content and a dry bulk

density of  $1.16 \text{ gm cm}^{-3}$  were  $0.0013 \text{ cal cm}^{-1}\text{sec}^{-1} \text{ }^\circ\text{C}^{-1}$ . The thermal conductivity value for a 21.0 percent water content on day 268 was  $0.0014 \text{ cal cm}^{-1}\text{sec}^{-1} \text{ }^\circ\text{C}^{-1}$ . Lettau (1951) determined the thermal conductivity to be  $0.0022 \text{ cal cm}^{-1}\text{sec}^{-1} \text{ }^\circ\text{C}^{-1}$ . The increased thermal conductivity compared with this investigation is believed to result from the increase in bulk density (1.78 vs.  $1.40 \text{ gm cm}^{-3}$ ). Conductivities calculated by van Wijk and deVries (1963) for clay soils ranging from nearly zero water content to 0.4 ranged from 0.0006 to 0.0038  $\text{cal cm}^{-1}\text{sec}^{-1} \text{ }^\circ\text{C}^{-1}$ .

Computation of the volumetric water content values from the thermal diffusivity and conductivity values yielded values for the period prior to the precipitation events which appear to be within the normal range. However, when infiltration occurred, meaningful values could not be determined.

The percolation of precipitation through the soil column created discernible alterations to the temperature curves at both the 0.125 and 0.25 m levels. Therefore, the experiment supports Miller's (1978) contention that precipitation will act as a heat sink when the precipitation is colder than the soil column and a heat source when the precipitation is hotter than the soil column. The percolation rates determined from graphics are an order of magnitude greater than those observed for seepage beneath rice paddies (assumed to be saturated) by Suzuki (1960). The suppression of the diurnal wave may be a function of both a change in surface temperature as well as percolating water convecting heat downward.

It is not evident from the results of the temperature survey of Dixie Valley that percolation of infiltrating waters can be discerned from the temperatures in fluid-filled PVC pipes. Where Ingraham et al. (1982) surmised that a deviation of average temperatures from downgradient holes from the average temperatures from those on the flanks of Cottonwood Canyon were the result of infiltrating or

circulating groundwater, the evidence does not support this conclusion. Because no precipitation occurred at the experimental site during the hotter part of the year, it is impossible to determine how long after a rainstorm the depression would be noticeable in the PVC pipes.



## X. RECOMMENDATIONS

Although the thermal diffusivity and conductivity values fall within the range found by other investigators for soils with similar water contents, the inability of this researcher to determine the water contents during infiltration events detracts from this investigation. It is, therefore, thought that any further attempt to utilize shallow subsurface temperature data to determine hydrologic properties of the soil zone, must necessarily require the recording of *in situ* soil moisture data. This would either verify or negate the findings of this investigation.

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## APPENDIX A

Data Collected from the Control Experiment

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Time	1.75m					1.0m					1.75m			Air Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC	
0015	22.01	24.41	26.18	28.65	31.66	20.97	23.49	20.96	23.88	20.24	+0.000			
0030	22.01	24.41	26.18	28.65	31.66	20.97	23.49	20.96	23.88	20.24	+0.000			
0045	22.01	24.41	26.18	28.65	31.66	20.97	23.49	20.96	23.88	20.24	+0.000			
0100	22.01	24.41	26.19	28.70	31.17	19.44	23.49	20.96	23.88	20.71	+0.000			
0115	22.01	24.41	26.19	28.71	31.01	19.35	23.49	20.96	23.88	20.19	+0.000			
0130	22.01	24.41	26.20	28.72	30.85	18.00	23.49	20.96	23.88	17.88	+0.000			
0145	22.01	24.42	26.20	28.72	30.69	18.00	23.49	20.96	23.88	18.34	+0.000			
0200	22.01	24.43	26.21	28.72	30.52	18.18	23.49	20.96	23.88	20.18	+0.000			
0215	22.02	24.42	26.21	28.72	30.37	18.09	23.49	20.96	23.88	20.18	+0.000			
0230	22.02	24.42	26.22	28.72	30.21	17.95	23.49	20.96	23.88	18.88	+0.000			
0245	22.02	24.42	26.23	28.72	30.05	17.45	23.49	20.96	23.88	18.91	+0.000			
0300	22.02	24.43	26.24	28.70	29.89	17.13	23.50	20.96	23.88	18.29	+0.000			
0315	22.02	24.42	26.24	28.69	29.73	16.97	23.50	20.96	23.88	18.36	+0.000			
0330	22.02	24.42	26.25	28.68	29.58	16.64	23.49	20.96	23.88	18.75	+0.000			
0345	22.02	24.42	26.25	28.66	29.43	16.46	23.50	20.96	23.88	18.72	+0.000			
0400	22.01	24.42	26.26	28.64	29.27	16.23	23.50	20.96	23.87	17.27	+0.000			
0415	22.02	24.42	26.27	28.61	29.13	15.92	23.50	20.96	23.87	17.27	+0.000			
0430	22.02	24.42	26.27	28.59	28.98	15.60	23.50	20.96	23.87	17.06	+0.000			
0445	22.02	24.42	26.28	28.56	28.83	15.33	23.50	20.96	23.87	16.74	+0.000			
0500	22.02	24.42	26.29	28.54	28.69	15.18	23.49	20.96	23.87	17.63	+0.000			
0515	22.02	24.42	26.30	28.51	28.55	15.08	23.50	20.96	23.87	18.03	+0.000			
0530	22.02	24.43	26.30	28.48	28.41	14.89	23.50	20.96	23.87	17.37	+0.000			
0545	22.02	24.42	26.31	28.45	28.27	14.50	23.49	20.96	23.87	16.49	+0.000			
0600	22.02	24.43	26.31	28.41	28.13	14.38	23.50	20.96	23.87	16.20	+0.000			
0615	22.02	24.43	26.32	28.38	28.00	14.30	23.50	20.96	23.87	15.05	+0.000			
0630	22.02	24.43	26.33	28.34	27.87	14.07	23.50	20.96	23.87	14.15	+0.000			
0645	22.02	24.43	26.34	28.31	27.74	13.96	23.50	20.96	23.87	15.59	+0.000			
0700	22.02	24.43	26.34	28.31	27.61	13.90	23.50	20.96	23.87	15.59	+0.000			
0715	22.02	24.43	26.35	28.23	27.48	13.83	23.50	20.96	23.87	16.26	+0.000			
0730	22.02	24.43	26.35	28.19	27.35	13.94	23.49	20.96	23.87	17.78	+0.000			
0745	22.02	24.43	26.36	28.15	27.23	13.36	23.49	20.96	23.87	18.95	+0.000			
0800	22.02	24.43	26.37	28.10	27.10	13.38	23.49	20.96	23.87	20.15	+0.000			
0815	22.02	24.43	26.37	28.06	26.99	13.00	23.49	20.96	23.87	20.37	+0.000			
0830	22.02	24.43	26.38	28.02	26.87	12.58	23.50	20.96	23.87	20.73	+0.000			
0845	22.02	24.43	26.38	27.97	26.76	12.64	23.50	20.96	23.86	21.34	+0.000			
0900	22.02	24.43	26.39	27.93	26.66	12.70	23.50	20.96	23.86	21.65	+0.000			
0915	22.02	24.43	26.39	27.88	26.58	12.85	23.50	20.96	23.86	21.34	+0.000			
0930	22.02	24.43	26.40	27.84	26.51	12.99	23.50	20.96	23.86	23.97	+0.000			
0945	22.02	24.43	26.40	27.79	26.45	13.12	23.49	20.96	23.86	24.39	+0.000			
1000	22.02	24.43	26.40	27.74	26.42	13.09	23.49	20.96	23.86	24.39	+0.000			
1015	22.01	24.43	26.41	27.70	26.40	13.21	23.50	20.96	23.86	25.71	+0.000			
1030	22.01	24.43	26.41	27.65	26.41	13.25	23.50	20.96	23.86	26.45	+0.000			
1045	22.01	24.43	26.41	27.61	26.44	13.00	23.50	20.96	23.86	26.89	+0.000			
1100	22.02	24.43	26.42	27.56	26.49	13.12	23.50	20.96	23.86	27.54	+0.000			
1115	22.02	24.43	26.42	27.53	26.57	13.12	23.50	20.96	23.86	27.54	+0.000			
1130	22.02	24.43	26.42	27.48	26.66	13.00	23.50	20.96	23.86	28.25	+0.000			
1145	22.01	24.43	26.42	27.44	26.78	12.47	23.50	20.96	23.86	28.68	+0.000			
1200	22.02	24.43	26.42	27.41	26.93	12.00	23.50	20.96	23.86	29.27	+0.000			
1215	22.01	24.43	26.42	27.37	27.08	11.40	23.50	20.96	23.86	29.73	+0.000			
1230	22.02	24.43	26.43	27.34	27.26	11.49	23.50	20.96	23.86	30.63	+0.000			
1245	22.02	24.43	26.43	27.31	27.46	11.50	23.50	20.96	23.86	31.13	+0.000			
1300	22.02	24.44	26.43	27.27	27.67	11.90	23.50	20.96	23.86	31.47	+0.000			
1315	22.01	24.43	26.43	27.25	27.90	12.00	23.50	20.96	23.86	31.91	+0.000			
1330	22.01	24.43	26.43	27.25	28.15	12.39	23.50	20.96	23.86	31.91	+0.000			
1345	22.01	24.43	26.42	27.23	28.40	12.67	23.51	20.96	23.86	31.81	+0.000			

Time	1.75m					1.0m					1.75m			Air Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC		
D 1400	22.01	24.43	26.42	27.23	28.67	54.29	23.50	20.95	23.86	32.81	+0.000			
D 1415	22.01	24.43	26.42	27.23	28.64	54.87	23.50	20.95	23.87	33.45	+0.000			
D 1430	22.01	24.44	26.42	27.23	29.12	55.17	23.50	20.94	23.87	32.91	+0.000			
D 1445	22.01	24.44	26.42	27.23	29.50	55.22	23.50	20.94	23.86	32.51	+0.000			
D 1500	22.01	24.44	26.41	27.24	29.78	55.65	23.50	20.94	23.86	34.28	+0.000			
D 1515	22.01	24.44	26.41	27.26	30.07	55.48	23.50	20.94	23.86	34.40	+0.000			
D 1530	22.01	24.44	26.41	27.30	30.63	54.50	23.50	20.94	23.86	34.07	+0.000			
D 1545	22.01	24.44	26.40	27.33	30.90	53.60	23.50	20.94	23.87	33.88	+0.000			
D 1600	22.01	24.44	26.40	27.36	31.17	52.85	23.50	20.94	23.86	34.06	+0.000			
D 1615	22.01	24.44	26.40	27.40	31.44	52.17	23.50	20.94	23.87	33.84	+0.000			
D 1630	22.01	24.44	26.40	27.45	31.69	51.60	23.51	20.94	23.87	33.85	+0.000			
D 1645	22.01	24.44	26.39	27.45	31.69	50.78	23.50	20.94	23.86	33.44	+0.000			
D 1700	22.01	24.44	26.39	27.49	31.93	50.78	23.51	20.95	23.87	32.97	+0.000			
D 1715	22.01	24.44	26.38	27.59	32.37	48.43	23.51	20.95	23.87	32.81	+0.000			
D 1730	22.01	24.44	26.38	27.64	32.57	47.30	23.51	20.94	23.87	32.35	+0.000			
D 1800	22.01	24.44	26.37	27.70	32.75	46.02	23.51	20.95	23.87	32.10	+0.000			
D 1815	22.01	24.45	26.37	27.77	32.91	44.69	23.51	20.95	23.87	31.84	+0.000			
D 1830	22.01	24.45	26.37	27.83	33.06	43.36	23.51	20.95	23.87	31.27	+0.000			
D 1845	22.01	24.45	26.36	27.89	33.19	41.80	23.51	20.95	23.87	30.75	+0.000			
D 1900	22.01	24.45	26.36	27.96	33.30	40.29	23.51	20.95	23.87	30.36	+0.000			
D 1915	22.01	24.45	26.35	28.02	33.38	38.80	23.51	20.95	23.87	29.88	+0.000			
D 1930	22.01	24.45	26.35	28.09	33.46	37.00	23.52	20.95	23.87	29.19	+0.000			
D 1945	22.01	24.45	26.35	28.16	33.51	34.72	23.52	20.95	23.87	27.86	+0.000			
D 2000	22.01	24.45	26.35	28.23	33.54	32.84	23.52	20.95	23.88	27.09	+0.000			
D 2015	22.01	24.45	26.35	28.29	33.55	31.25	23.52	20.95	23.88	26.27	+0.000			
D 2030	22.01	24.46	26.35	28.35	33.54	29.91	23.52	20.95	23.88	25.64	+0.000			
D 2045	22.02	24.46	26.34	28.42	33.52	28.85	23.52	20.95	23.88	25.04	+0.000			
D 2100	22.02	24.46	26.34	28.48	33.47	27.81	23.52	20.95	23.88	24.46	+0.000			
D 2115	22.02	24.46	26.34	28.54	33.40	26.82	23.52	20.95	23.88	23.35	+0.000			
D 2130	22.02	24.46	26.34	28.60	33.32	25.88	23.52	20.96	23.88	22.44	+0.000			
D 2145	22.02	24.46	26.35	28.65	33.23	24.98	23.52	20.96	23.88	22.04	+0.000			
D 2200	22.02	24.46	26.35	28.70	33.12	24.25	23.52	20.95	23.88	21.46	+0.000			
D 2215	22.02	24.46	26.35	28.75	32.99	23.67	23.52	20.96	23.89	21.00	+0.000			
D 2230	22.02	24.46	26.35	28.81	32.83	23.16	23.52	20.96	23.89	20.54	+0.000			
D 2245	22.02	24.46	26.35	28.83	32.71	22.52	23.53	20.96	23.89	20.00	+0.000			
D 2300	22.02	24.47	26.35	28.87	32.56	21.91	23.53	20.95	23.88	21.22	+0.000			
D 2315	22.02	24.47	26.36	28.90	32.41	21.32	23.52	20.95	23.88	20.73	+0.000			
D 2330	22.02	24.47	26.36	28.93	32.25	20.83	23.53	20.95	23.88	21.24	+0.000			
D 2345	22.02	24.47	26.37	28.96	32.09	20.44	23.53	20.95	23.88	21.28	+0.000			
D 0000	22.02	24.47	26.37	28.98	31.92	20.04	23.53	20.95	23.88	21.27	+0.000			
D 0015	22.02	24.47	26.37	29.00	31.75	19.75	23.53							

		1.0m 1.75m 1.75m									
		1.75m	1.0m	.50m	.25m	.125m	Surf.PVC	PVC	PVC	Air	Precip
Time	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m	
0345	-22.03	24.49	-26.47	-28.93	-29.44	-15.67	23.55	-20.97	23.89	-17.38	+0.000
0400	-22.03	24.49	-26.47	-28.90	-29.28	-15.36	23.55	-20.97	23.89	-17.49	+0.000
0415	-22.03	24.49	-26.48	-28.87	-29.13	-15.13	23.55	-20.97	23.89	-17.73	+0.000
0430	-22.03	24.49	-26.49	-28.84	-28.98	-14.83	23.55	-20.97	23.89	-17.59	+0.000
0445	-22.03	24.49	-26.50	-28.82	-28.84	-14.62	23.55	-20.97	23.89	-16.57	+0.000
0500	-22.03	24.49	-26.51	-28.78	-28.69	-14.33	23.55	-20.97	23.89	-16.76	+0.000
0515	-22.03	24.49	-26.51	-28.75	-28.55	-14.06	23.55	-20.97	23.90	-15.69	+0.000
0530	-22.03	24.50	-26.52	-28.72	-28.41	-13.94	23.55	-20.97	23.90	-16.12	+0.000
0545	-22.03	24.50	-26.53	-28.68	-28.27	-13.69	23.55	-20.97	23.90	-16.77	+0.000
0600	-22.03	24.50	-26.53	-28.64	-28.13	-13.47	23.55	-20.97	23.90	-16.23	+0.000
0615	-22.03	24.50	-26.54	-28.61	-27.99	-13.34	23.55	-20.97	23.90	-16.33	+0.000
0630	-22.03	24.50	-26.55	-28.57	-27.85	-13.27	23.55	-20.97	23.90	-15.54	+0.000
0645	-22.03	24.50	-26.56	-28.53	-27.72	-13.22	23.56	-20.97	23.91	-16.70	+0.000
0700	-22.03	24.50	-26.57	-28.48	-27.59	-13.35	23.56	-20.97	23.91	-17.32	+0.000
0715	-22.03	24.50	-26.57	-28.44	-27.46	-13.45	23.56	-20.97	23.91	-18.60	+0.000
0730	-22.03	24.51	-26.57	-28.40	-27.33	-13.67	23.56	-20.97	23.91	-19.13	+0.000
0745	-22.03	24.51	-26.58	-28.35	-27.20	-13.72	23.56	-20.97	23.91	-21.11	+0.000
0800	-22.03	24.51	-26.59	-28.30	-27.08	-13.77	23.56	-20.97	23.91	-21.89	+0.000
0815	-22.03	24.51	-26.60	-28.26	-26.96	-13.86	23.56	-20.97	23.91	-22.26	+0.000
0830	-22.03	24.51	-26.60	-28.21	-26.84	-13.91	23.56	-20.97	23.91	-22.26	+0.000
0845	-22.03	24.51	-26.60	-28.16	-26.73	-13.99	23.56	-20.97	23.91	-22.26	+0.000
0900	-22.03	24.51	-26.61	-28.12	-26.65	-14.08	23.56	-20.97	23.91	-22.26	+0.000
0915	-22.03	24.51	-26.61	-28.07	-26.58	-14.17	23.56	-20.97	23.91	-22.26	+0.000
0930	-22.03	24.51	-26.62	-28.02	-26.48	-14.26	23.56	-20.97	23.91	-22.26	+0.000
0945	-22.03	24.51	-26.62	-27.97	-26.43	-14.35	23.56	-20.97	23.91	-22.26	+0.000
1000	-22.03	24.51	-26.63	-27.92	-26.40	-14.44	23.56	-20.97	23.91	-22.26	+0.000
1015	-22.03	24.51	-26.63	-27.87	-26.38	-14.53	23.56	-20.97	23.91	-22.26	+0.000
1030	-22.03	24.51	-26.63	-27.82	-26.39	-14.62	23.56	-20.97	23.91	-22.26	+0.000
1045	-22.03	24.51	-26.64	-27.77	-26.43	-14.71	23.57	-20.98	23.92	-22.29	+0.000
1100	-22.03	24.51	-26.64	-27.73	-26.48	-14.80	23.57	-20.97	23.92	-22.29	+0.000
1115	-22.03	24.51	-26.64	-27.68	-26.57	-14.89	23.57	-20.97	23.92	-22.29	+0.000
1130	-22.03	24.51	-26.64	-27.64	-26.67	-14.98	23.57	-20.97	23.92	-22.29	+0.000
1145	-22.03	24.51	-26.64	-27.60	-26.79	-15.07	23.57	-20.97	23.92	-22.29	+0.000
1200	-22.03	24.51	-26.64	-27.56	-26.94	-15.16	23.57	-20.97	23.92	-22.29	+0.000
1215	-22.03	24.51	-26.64	-27.52	-27.10	-15.25	23.57	-20.97	23.92	-22.29	+0.000
1230	-22.03	24.51	-26.65	-27.50	-27.29	-15.34	23.57	-20.97	23.92	-22.29	+0.000
1245	-22.03	24.52	-26.64	-27.46	-27.49	-15.43	23.57	-20.97	23.92	-22.29	+0.000
1300	-22.03	24.52	-26.64	-27.42	-27.74	-15.52	23.57	-20.97	23.92	-22.29	+0.000
1315	-22.03	24.51	-26.64	-27.39	-27.99	-15.61	23.57	-20.97	23.92	-22.29	+0.000
1330	-22.03	24.51	-26.64	-27.35	-28.19	-15.70	23.57	-20.97	23.92	-22.29	+0.000
1345	-22.03	24.51	-26.64	-27.38	-28.45	-15.79	23.57	-20.97	23.92	-22.29	+0.000
1400	-22.03	24.52	-26.63	-27.37	-28.71	-15.88	23.57	-20.97	23.92	-22.29	+0.000
1415	-22.03	24.52	-26.63	-27.37	-28.99	-15.97	23.57	-20.97	23.92	-22.29	+0.000
1430	-22.03	24.52	-26.63	-27.37	-29.27	-16.06	23.57	-20.97	23.92	-22.29	+0.000
1445	-22.03	24.52	-26.63	-27.37	-29.56	-16.15	23.57	-20.97	23.92	-22.29	+0.000
1460	-22.03	24.52	-26.63	-27.37	-29.84	-16.24	23.57	-20.97	23.92	-22.29	+0.000
1475	-22.03	24.52	-26.62	-27.40	-30.12	-16.33	23.58	-20.97	23.92	-22.29	+0.000
1490	-22.03	24.52	-26.62	-27.42	-30.41	-16.42	23.58	-20.97	23.92	-22.29	+0.000
1505	-22.03	24.52	-26.62	-27.44	-30.69	-16.51	23.58	-20.97	23.92	-22.29	+0.000
1520	-22.03	24.52	-26.62	-27.44	-30.96	-16.60	23.58	-20.97	23.92	-22.29	+0.000
1535	-22.03	24.52	-26.62	-27.44	-31.23	-16.69	23.58	-20.97	23.92	-22.29	+0.000
1550	-22.03	24.52	-26.62	-27.44	-31.49	-16.78	23.58	-20.97	23.92	-22.29	+0.000
1600	-22.03	24.52	-26.62	-27.44	-31.74	-16.87	23.58	-20.97	23.92	-22.29	+0.000
1615	-22.03	24.53	-26.61	-27.50	-31.99	-16.96	23.58	-20.97	23.92	-22.29	+0.000
1630	-22.03	24.53	-26.60	-27.54	-32.21	-17.05	23.58	-20.97	23.92	-22.29	+0.000
1645	-22.03	24.53	-26.60	-27.58	-32.43	-17.14	23.58	-20.97	23.92	-22.29	+0.000
1700	-22.03	24.53	-26.59	-27.67	-32.61	-17.23	23.58	-20.97	23.92	-22.29	+0.000
1715	-22.03	24.53	-26.59	-27.72	-32.83	-17.32	23.58	-20.97	23.92	-22.29	+0.000
1730	-22.03	24.53	-26.58	-27.72	-32.43	-17.41	23.58	-20.97	23.92	-22.29	+0.000

		1.0m 1.75m 1.75m									
		1.75m	1.0m	.50m	.25m	.125m	Surf.PVC	PVC	PVC	Air	Precip
Time	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m	
1745	-22.03	24.53	-26.58	-27.78	-32.65	-17.41	23.58	-20.98	23.94	-22.26	+0.000
1800	-22.03	24.53	-26.57	-27.84	-32.84	-17.50	23.59	-20.98	23.94	-22.26	+0.000
1815	-22.03	24.53	-26.57	-27.90	-33.03	-17.59	23.59	-20.98	23.94	-22.26	+0.000
1830	-22.03	24.54	-26.57	-27.96	-33.19	-17.68	23.59	-20.98	23.94	-22.26	+0.000
1845	-22.03	24.54	-26.56	-28.02	-33.33	-17.77	23.59	-20.98	23.94	-22.26	+0.000
1900	-22.03	24.54	-26.56	-28.09	-33.45	-17.86	23.59	-20.98	23.94	-22.26	+0.000
1915	-22.03	24.54	-26.56	-28.15	-33.54	-17.95	23.59	-20.98	23.94	-22.26	+0.000
1930	-22.03	24.54	-26.55	-28.22	-33.61	-18.04	23.59	-20.98	23.94	-22.26	+0.000
1945	-22.03	24.54	-26.55	-28.28	-33.66	-18.13	23.59	-20.98	23.94	-22.26	+0.000
2000	-22.04	24.54	-26.55	-28.35	-33.68	-18.22	23.59	-20.98	23.94	-22.26	+0.000
2015	-22.04	24.55	-26.54	-28.42	-33.69	-18.31	23.60	-20.98	23.96	-22.07	+0.000
2030	-22.04	24.55	-26.54	-28.48	-33.68	-18.40	23.60	-20.99	23.96	-22.13	+0.000
2045	-22.04	24.55	-26.54	-28.55	-33.65	-18.49	23.60	-20.99	23.96	-22.16	+0.000
2100	-22.04	24.55	-26.54	-28.61	-33.60	-18.58	23.60	-20.99	23.96	-22.16	+0.000
2115	-22.04	24.55	-26.54	-28.67	-33.54	-18.67	23.60	-20.99	23.96	-22.16	+0.000
2130	-22.04	24.55	-26.54	-28.73	-33.48	-18.76	23.60	-20.99	23.96	-22.16	+0.000
2145	-22.04	24.56	-26.54	-28.78	-33.37	-18.85	23.61	-20.99	23.97	-22.16	+0.000
2200	-22.04	24.56	-26.54	-28.83	-33.27	-18.94	23.61	-20.99	23.97	-22.16	+0.000
2215	-22.04	24.56	-26.54	-28.88	-33.16	-19.03	23.61	-20.99	23.97	-22.16	+0.000
2230	-22.04	24.56	-26.54	-28.93	-33.04	-19.12	23.61	-20.99	23.97	-22.16	+0.000
2245	-22.04	24.56	-26.55	-28.97	-32.91	-19.21	23.61	-20.99	23.97	-22.16	+0.000
2300	-22.04	24.56	-26.55	-29.00	-32.77	-19.30	23.62	-20.99	23.97	-22.16	+0.000
2315	-22.04	24.56	-26.55	-29.04	-32.63	-19.39	23.62	-20.99	23.97	-22.16	+0.000
2330	-22.04	24.56	-26.55	-29.07	-32.48	-19.48	23.62	-20.99	23.97	-22.16	+0.000
2345	-22.04	24.56	-26.55	-29.10	-32.34	-19.57	23.62	-20.99	23.97	-22.16	+0.000
0000	-22.04	24.57	-26.56	-29.12	-32.18	-19.66	23.62	-20.99	23.97	-22.16	+0.000
* 87 215											
0015	-22.04	24.57	-26.56	-29.14	-32.03	-19.75	23.62	-20.99	23.97	-22.16	+0.000
0030	-22.05	24.57	-26.57	-29.16	-31.88	-19.84	23.61	-20.99	23.97	-22.16	+0.000
0045	-22.05	24.57	-26.57	-29.18	-31.72	-19.93	23.62	-21.00	23.97	-22.16	+0.000
0100	-22.05	24.57	-26.58	-29.19	-31.57	-20.02	23.62	-21.00	23.98	-22.13	+0.000
0115	-22.05	24.57	-26.59	-29.20	-31.41	-20.11	23.62	-21.00	23.98	-22.13	+0.000
0130	-22.05	24.58	-26.59	-29.20	-31.25	-20.20	23.62	-21.00	23.98	-22.13	+0.000
0145	-22.05	24.58	-26.60	-29.20	-31.10	-20.29	23.62	-21.00	23.98	-22.13	+0.000
0200	-22.05	24.58	-26.60	-29.20	-30.94	-20.38	23.63	-21.00	23.98	-22.17	+0.000
0215	-22.05	24.58	-26.61	-29.19	-30.79	-20.47	23.63	-21.00	23.98	-22.17	+0.000
0230	-22.05	24.58	-2								

Time	1.0m 1.75m 1.75m										Air Precip
	1.75m	1.0m	.50m	.25m	.125m	Surf.PVC	PVC	PVC	PVC	1.0m	
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m		
0730	-22.06	-24.61	-26.76	-28.66	-27.99	-16.13	-23.65	-21.01	-24.00	-19.61	+0.000
0745	-22.06	-24.61	-26.77	-28.62	-27.87	-17.56	-23.65	-21.01	-24.01	-21.59	+0.000
0800	-22.06	-24.61	-26.77	-28.58	-27.75	-19.38	-23.65	-21.02	-24.01	-21.75	+0.000
0815	-22.06	-24.61	-26.78	-28.54	-27.64	-21.29	-23.65	-21.02	-24.01	-23.25	+0.000
0830	-22.06	-24.61	-26.79	-28.50	-27.54	-23.20	-23.65	-21.02	-24.01	-22.69	+0.000
0845	-22.06	-24.61	-26.79	-28.46	-27.44	-25.11	-23.65	-21.02	-24.01	-23.56	+0.000
0900	-22.06	-24.61	-26.80	-28.41	-27.34	-27.24	-23.66	-21.02	-24.01	-23.82	+0.000
0915	-22.06	-24.61	-26.80	-28.37	-27.26	-29.28	-23.66	-21.01	-24.01	-24.69	+0.000
0930	-22.06	-24.61	-26.81	-28.33	-27.20	-31.53	-23.65	-21.01	-24.01	-25.80	+0.000
0945	-22.06	-24.61	-26.81	-28.28	-27.15	-33.68	-23.66	-21.02	-24.01	-27.24	+0.000
1000	-22.06	-24.61	-26.81	-28.24	-27.12	-35.74	-23.66	-21.02	-24.01	-28.56	+0.000
1015	-22.06	-24.61	-26.82	-28.20	-27.11	-37.82	-23.66	-21.02	-24.01	-29.64	+0.000
1030	-22.06	-24.61	-26.82	-28.15	-27.13	-39.96	-23.66	-21.02	-24.01	-30.60	+0.000
1045	-22.06	-24.61	-26.83	-28.11	-27.16	-41.89	-23.66	-21.02	-24.02	-31.44	+0.000
1100	-22.06	-24.61	-26.83	-28.07	-27.22	-43.71	-23.66	-21.02	-24.02	-32.16	+0.000
1115	-22.06	-24.61	-26.83	-28.03	-27.30	-45.34	-23.66	-21.02	-24.02	-32.77	+0.000
1130	-22.06	-24.62	-26.83	-27.99	-27.40	-47.16	-23.66	-21.02	-24.02	-33.27	+0.000
1145	-22.06	-24.62	-26.83	-27.95	-27.52	-48.76	-23.66	-21.02	-24.02	-33.66	+0.000
1200	-22.06	-24.62	-26.83	-27.92	-27.66	-50.40	-23.67	-21.02	-24.03	-33.90	+0.000
1215	-22.06	-24.62	-26.83	-27.89	-27.83	-51.71	-23.67	-21.02	-24.03	-34.03	+0.000
1230	-22.06	-24.62	-26.84	-27.86	-28.01	-52.67	-23.67	-21.02	-24.03	-34.03	+0.000
1245	-22.06	-24.62	-26.83	-27.83	-28.21	-53.62	-23.67	-21.02	-24.03	-33.90	+0.000
1300	-22.06	-24.62	-26.84	-27.81	-28.43	-54.39	-23.67	-21.02	-24.03	-33.23	+0.000
1315	-22.06	-24.62	-26.84	-27.79	-28.65	-54.95	-23.67	-21.02	-24.03	-32.33	+0.000
1330	-22.06	-24.62	-26.84	-27.78	-28.90	-55.38	-23.67	-21.02	-24.03	-31.11	+0.000
1345	-22.06	-24.62	-26.83	-27.77	-29.16	-55.77	-23.67	-21.02	-24.03	-29.64	+0.000
1400	-22.06	-24.62	-26.83	-27.76	-29.43	-56.77	-23.67	-21.02	-24.03	-27.91	+0.000
1415	-22.06	-24.62	-26.83	-27.76	-29.71	-56.70	-23.67	-21.02	-24.03	-25.84	+0.000
1430	-22.06	-24.62	-26.83	-27.76	-29.99	-56.88	-23.67	-21.02	-24.03	-23.40	+0.000
1445	-22.06	-24.63	-26.83	-27.77	-30.27	-57.07	-23.68	-21.02	-24.04	-20.59	+0.000
1500	-22.06	-24.63	-26.83	-27.78	-30.56	-56.88	-23.68	-21.02	-24.04	-17.44	+0.000
1515	-22.06	-24.63	-26.83	-27.78	-30.85	-56.82	-23.68	-21.02	-24.04	-13.87	+0.000
1530	-22.06	-24.63	-26.83	-27.78	-31.14	-57.48	-23.68	-21.02	-24.04	-9.88	+0.000
1545	-22.06	-24.63	-26.83	-27.85	-31.42	-57.45	-23.68	-21.02	-24.04	-5.44	+0.000
1600	-22.06	-24.63	-26.82	-27.88	-31.70	-56.64	-23.68	-21.03	-24.04	+0.65	+0.000
1615	-22.06	-24.63	-26.81	-27.92	-31.97	-55.07	-23.68	-21.03	-24.04	+5.36	+0.000
1630	-22.06	-24.63	-26.81	-27.96	-32.24	-55.65	-23.68	-21.03	-24.05	+9.62	+0.000
1645	-22.06	-24.63	-26.81	-28.00	-32.50	-55.19	-23.68	-21.03	-24.05	+13.38	+0.000
1700	-22.06	-24.64	-26.80	-28.05	-32.75	-54.57	-23.68	-21.03	-24.05	+16.62	+0.000
1715	-22.06	-24.64	-26.80	-28.10	-32.99	-55.01	-23.69	-21.03	-24.05	+19.34	+0.000
1730	-22.06	-24.64	-26.80	-28.16	-33.21	-54.89	-23.69	-21.03	-24.05	+21.53	+0.000
1745	-22.06	-24.64	-26.79	-28.21	-33.42	-54.58	-23.69	-21.03	-24.05	+23.21	+0.000
1800	-22.06	-24.64	-26.79	-28.28	-33.62	-54.62	-23.69	-21.03	-24.05	+24.40	+0.000
1815	-22.06	-24.65	-26.79	-28.34	-33.79	-54.28	-23.69	-21.03	-24.05	+25.09	+0.000
1830	-22.06	-24.65	-26.79	-28.40	-33.95	-54.49	-23.69	-21.03	-24.06	+25.33	+0.000
1845	-22.07	-24.65	-26.78	-28.47	-34.08	-54.37	-23.70	-21.03	-24.06	+25.11	+0.000
1900	-22.07	-24.65	-26.78	-28.54	-34.19	-54.27	-23.70	-21.03	-24.06	+24.44	+0.000
1915	-22.07	-24.65	-26.78	-28.61	-34.27	-54.04	-23.70	-21.04	-24.06	+23.26	+0.000
1930	-22.07	-24.65	-26.78	-28.68	-34.33	-53.64	-23.70	-21.04	-24.06	+21.55	+0.000
1945	-22.07	-24.65	-26.78	-28.74	-34.38	-53.69	-23.70	-21.04	-24.07	+19.27	+0.000
2000	-22.07	-24.65	-26.77	-28.81	-34.40	-53.03	-23.71	-21.04	-24.07	+16.50	+0.000
2015	-22.07	-24.66	-26.77	-28.88	-34.40	-52.04	-23.71	-21.04	-24.07	+13.23	+0.000
2030	-22.07	-24.66	-26.77	-28.95	-34.39	-50.74	-23.71	-21.04	-24.07	+9.46	+0.000
2045	-22.07	-24.66	-26.77	-29.01	-34.37	-49.20	-23.71	-21.04	-24.07	+5.19	+0.000
2100	-22.07	-24.66	-26.77	-29.08	-34.33	-47.43	-23.71	-21.04	-24.08	+0.50	+0.000
2115	-22.07	-24.66	-26.77	-29.14	-34.27	-45.46	-23.71	-21.04	-24.08	-4.52	+0.000

Time	1.0m 1.75m 1.75m										Air Precip
	1.75m	1.0m	.50m	.25m	.125m	Surf.PVC	PVC	PVC	PVC	1.0m	
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m		
2130	-22.07	-24.66	-26.77	-29.20	-34.20	-29.76	-23.71	-21.04	-24.08	-27.19	+0.000
2145	-22.07	-24.67	-26.78	-29.26	-34.12	-29.02	-23.71	-21.05	-24.08	-26.51	+0.000
2200	-22.07	-24.67	-26.78	-29.36	-33.92	-27.82	-23.72	-21.05	-24.08	-26.78	+0.000
2215	-22.07	-24.67	-26.78	-29.41	-33.80	-27.49	-23.72	-21.05	-24.08	-26.14	+0.000
2230	-22.08	-24.67	-26.79	-29.49	-33.56	-26.84	-23.72	-21.05	-24.09	-25.95	+0.000
2245	-22.08	-24.67	-26.79	-29.53	-33.43	-26.42	-23.72	-21.05	-24.09	-25.42	+0.000
2300	-22.08	-24.67	-26.79	-29.59	-33.30	-25.91	-23.72	-21.05	-24.09	-25.11	+0.000
2315	-22.08	-24.68	-26.80	-29.56	-33.16	-25.57	-23.72	-21.05	-24.09	-25.21	+0.000
2330	-22.08	-24.68	-26.80	-29.59	-33.16	-25.57	-23.72	-21.05	-24.09	-25.21	+0.000
2345	-22.08	-24.68	-26.80	-29.59	-33.16	-25.57	-23.72	-21.05	-24.09	-25.21	+0.000
0000	-22.08	-24.68	-26.81	-29.62	-33.02	-25.29	-23.73	-21.06	-24.09	-25.13	+0.000
0015	-22.08	-24.68	-26.81	-29.64	-32.89	-25.04	-23.73	-21.06	-24.09	-24.86	+0.000
0030	-22.08	-24.68	-26.82	-29.67	-32.60	-24.44	-23.73	-21.06	-24.10	-24.51	+0.000
0045	-22.08	-24.68	-26.82	-29.67	-32.60	-24.44	-23.73	-21.06	-24.10	-24.02	+0.000
0100	-22.08	-24.68	-26.83	-29.68	-32.46	-24.01	-23.73	-21.06	-24.10	-23.47	+0.000
0115	-22.08	-24.68	-26.83	-29.69	-32.32	-23.63	-23.73	-21.06	-24.10	-23.58	+0.000
0130	-22.08	-24.68	-26.84	-29.70	-32.18	-23.28	-23.73	-21.06	-24.10	-23.20	+0.000
0145	-22.08	-24.69	-26.85	-29.70	-32.05	-22.02	-23.73	-21.06	-24.10	-23.46	+0.000
0200	-22.08	-24.69	-26.86	-29.71	-31.91	-20.87	-23.73	-21.06	-24.10	-23.46	+0.000
0215	-22.08	-24.69	-26.87	-29.70	-31.78	-22.67	-23.73	-21.06	-24.10	-23.53	+0.000
0230	-22.08	-24.69	-26.87	-29.70	-31.64	-22.51	-23.73	-21.06	-24.10	-23.18	+0.000
0245	-22.08	-24.69	-26.88	-29.70	-31.51	-22.27	-23.74	-21.06	-24.10	-22.71	+0.000
0300	-22.08	-24.69	-26.89	-29.69	-31.38	-22.02	-23.74	-21.06	-24.10	-22.19	+0.000
0315	-22.08	-24.70	-26.90	-29.68	-31.25	-21.74	-23.74	-21.06	-24.10	-21.98	+0.000
0330	-22.08	-24.70	-26.91	-29.67	-31.12	-21.28	-23.74	-21.06	-24.10	-21.24	+0.000
0345	-22.09	-24.70	-26.92	-29.64	-30.87	-20.31	-23.74	-21.07	-24.10	-20.90	+0.000
0400	-22.09	-24.70	-26.92	-29.64	-30.87	-20.31	-23.74	-21.07	-24.10	-20.45	+0.000
0415	-22.09	-24.70	-26.93	-29.62	-30.74	-19.89	-23.74	-21.07	-24.11	-20.22	+0.000
0430	-22.09	-24.70	-26.94	-29.60	-30.60	-19.30	-23.75	-21.07	-24.11	-20.61	+0.000
0445	-22.09	-24.70	-26.95	-29.60	-30.50	-19.30	-23.75	-21.07	-24.11	-20.50	+0.000
0500	-22.09	-24.70	-26.96	-29.56	-30.37	-19.01	-23.75	-21.07	-24.11	-20.00	+0.000
0515	-22.09	-24.71	-26.97	-29.53	-30.25	-18.80	-23.75	-21.07	-24.11	-19.55	+0.000
0530	-22.09	-24.71	-26.98	-29.51	-30.13	-18.51	-23.75	-21.07	-24.11	-19.05	+0.000
0545	-22.09	-24.71	-26.98	-29.49	-30.01	-18.39	-23.75	-21.07	-24.11	-18.59	+0.000
0600	-22.09	-24.71	-26.99	-29.46	-29.89	-18.14	-23.75	-21.07	-24.11	-18.08	+0.000
0615	-22.09	-24.71	-27.00	-29.43	-29.76	-18.13	-23.76	-21.07	-24.12	-17.58	+0.000
0630	-22.09	-24.71	-27.01	-29.40	-29.64	-18.24	-23.76	-21.08	-24.12	-17.08	+0.000
0645	-22.09	-24.71	-27.02	-29.37	-29.52	-18.38	-23.76	-21.08	-24.12	-16.58	+0.000
0700	-22.09	-24.72	-27.03	-29.34	-29.40	-18.44	-23.76	-21.08	-24.12	-16.08	

													1.0m	1.75m	1.75m								
													1.75m	1.0m	.50m	.25m	.125m	Surf.	PVC	PVC	PVC	Air	Precip
Time	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m								
1115	22.09	24.73	27.13	28.70	28.32	45.10	23.78	21.09	24.14	31.26	0.000												
1120	22.10	24.73	27.13	28.66	28.39	46.98	23.78	21.09	24.15	31.86	0.000												
1125	22.09	24.73	27.14	28.63	28.47	48.67	23.78	21.09	24.15	32.51	0.000												
1130	22.09	24.73	27.14	28.59	28.58	50.14	23.78	21.09	24.15	33.41	0.000												
1135	22.09	24.73	27.14	28.56	28.71	51.45	23.78	21.09	24.15	33.41	0.000												
1140	22.09	24.73	27.14	28.53	28.86	52.80	23.78	21.09	24.15	33.78	0.000												
1145	22.09	24.74	27.14	28.51	29.03	52.84	23.78	21.10	24.15	33.79	0.000												
1150	22.10	24.74	27.15	28.49	29.24	49.95	23.78	21.10	24.15	34.39	0.000												
1155	22.10	24.74	27.15	28.47	29.44	50.18	23.78	21.10	24.15	34.88	0.000												
1160	22.09	24.74	27.15	28.45	29.64	53.15	23.79	21.10	24.16	34.84	0.000												
1165	22.10	24.74	27.15	28.44	29.86	53.37	23.79	21.10	24.16	35.51	0.000												
1170	22.10	24.74	27.15	28.43	30.09	53.35	23.79	21.10	24.16	36.12	0.000												
1175	22.10	24.74	27.15	28.42	30.32	54.64	23.79	21.10	24.17	36.77	0.000												
1180	22.10	24.75	27.15	28.42	30.56	55.82	23.79	21.10	24.17	36.68	0.000												
1185	22.10	24.75	27.15	28.41	30.79	54.97	23.79	21.10	24.17	35.97	0.000												
1190	22.10	24.75	27.15	28.41	31.03	53.15	23.79	21.10	24.17	37.31	0.000												
1195	22.10	24.75	27.15	28.41	31.27	54.90	23.79	21.10	24.17	36.71	0.000												
1200	22.10	24.75	27.15	28.41	31.51	55.07	23.79	21.10	24.17	36.68	0.000												
1205	22.10	24.75	27.15	28.41	31.75	55.88	23.80	21.10	24.17	36.20	0.000												
1210	22.10	24.75	27.15	28.41	31.97	53.58	23.80	21.11	24.17	35.84	0.000												
1215	22.10	24.75	27.14	28.54	32.20	53.66	23.80	21.11	24.18	35.67	0.000												
1220	22.10	24.75	27.14	28.58	32.42	54.24	23.80	21.11	24.18	33.75	0.000												
1225	22.10	24.75	27.14	28.61	32.64	52.54	23.80	21.11	24.18	32.88	0.000												
1230	22.10	24.75	27.14	28.65	32.84	49.45	23.80	21.11	24.18	32.27	0.000												
1235	22.10	24.76	27.14	28.69	33.04	46.72	23.81	21.11	24.18	30.44	0.000												
1240	22.10	24.76	27.13	28.74	33.23	43.96	23.81	21.11	24.18	28.47	0.000												
1245	22.10	24.76	27.13	28.79	33.40	40.43	23.81	21.12	24.19	26.25	0.000												
1250	22.10	24.77	27.13	28.84	33.56	37.32	23.81	21.12	24.19	26.25	0.000												
1255	22.10	24.77	27.12	28.89	33.69	34.35	23.81	21.13	24.19	27.72	0.000												
1260	22.10	24.77	27.12	28.94	33.80	31.75	23.81	21.13	24.19	28.26	0.000												
1265	22.10	24.77	27.12	29.00	33.88	29.11	23.82	21.13	24.19	28.26	0.000												
1270	22.11	24.77	27.12	29.05	33.93	26.46	23.82	21.13	24.19	30.99	0.000												
1275	22.11	24.78	27.12	29.11	33.96	23.45	23.82	21.13	24.20	28.52	0.000												
1280	22.11	24.78	27.12	29.17	33.95	20.77	23.82	21.13	24.20	28.02	0.000												
1285	22.11	24.78	27.12	29.23	33.92	18.04	23.82	21.13	24.20	27.82	0.000												
1290	22.11	24.78	27.12	29.28	33.87	15.29	23.82	21.13	24.20	27.38	0.000												
1295	22.11	24.78	27.12	29.33	33.80	12.51	23.83	21.13	24.20	26.75	0.000												
1300	22.11	24.78	27.12	29.38	33.71	9.74	23.83	21.14	24.21	26.48	0.000												
1305	22.11	24.79	27.12	29.43	33.61	7.00	23.83	21.14	24.21	25.79	0.000												
1310	22.11	24.79	27.12	29.48	33.50	4.27	23.83	21.14	24.21	25.27	0.000												
1315	22.11	24.79	27.12	29.53	33.37	1.51	23.83	21.14	24.21	24.73	0.000												
1320	22.11	24.79	27.12	29.58	33.23	-1.28	23.84	21.14	24.21	24.20	0.000												
1325	22.11	24.79	27.12	29.63	33.08	-4.04	23.84	21.14	24.22	23.67	0.000												
1330	22.11	24.79	27.13	29.68	32.93	-6.80	23.84	21.14	24.22	23.14	0.000												
1335	22.11	24.80	27.13	29.73	32.76	-9.56	23.84	21.14	24.22	22.61	0.000												
1340	22.11	24.80	27.13	29.78	32.60	-12.32	23.84	21.14	24.22	22.08	0.000												
1345	22.11	24.80	27.13	29.83	32.43	-15.08	23.84	21.14	24.22	21.55	0.000												
1350	22.11	24.80	27.13	29.88	32.25	-17.84	23.84	21.14	24.22	21.02	0.000												
1355	22.11	24.80	27.14	29.93	32.07	-20.60	23.84	21.14	24.22	20.49	0.000												
1360	22.11	24.80	27.14	29.98	31.90	-23.36	23.85	21.14	24.22	19.96	0.000												
1365	22.11	24.80	27.14	30.03	31.72	-26.12	23.85	21.14	24.22	19.43	0.000												
1370	22.12	24.81	27.15	30.08	31.55	-28.88	23.85	21.14	24.22	18.90	0.000												
1375	22.12	24.81	27.15	30.13	31.37	-31.64	23.85	21.14	24.23	18.37	0.000												
1380	22.12	24.81	27.16	30.18	31.20	-34.40	23.85	21.14	24.23	17.84	0.000												
1385	22.12	24.81	27.16	30.23	31.03	-37.16	23.85	21.14	24.23	17.31	0.000												
1390	22.12	24.81	27.17	30.28	30.85	-39.92	23.85	21.14	24.23	16.78	0.000												

													1.0m	1.75m	1.75m								
													1.75m	1.0m	.50m	.25m	.125m	Surf.	PVC	PVC	PVC	Air	Precip
Time	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m								
0100	22.12	24.81	27.17	29.73	30.86	17.28	23.85	21.15	24.23	22.58	0.000												
0105	22.12	24.81	27.18	29.77	30.69	17.11	23.85	21.15	24.23	22.50	0.000												
0110	22.12	24.81	27.19	29.81	30.52	16.98	23.86	21.15	24.24	22.13	0.000												
0115	22.12	24.82	27.19	29.85	30.36	16.82	23.86	21.15	24.23	22.06	0.000												
0120	22.12	24.82	27.20	29.89	30.20	16.65	23.86	21.15	24.24	21.76	0.000												
0125	22.12	24.82	27.21	29.93	30.04	16.53	23.86	21.15	24.24	21.75	0.000												
0130	22.12	24.82	27.21	29.97	29.89	16.44	23.86	21.15	24.24	21.75	0.000												
0135	22.12	24.83	27.22	29.99	29.74	16.31	23.87	21.16	24.25	22.20	0.000												
0140	22.12	24.83	27.23	30.01	29.59	16.22	23.87	21.16	24.25	22.40	0.000												
0145	22.12	24.83	27.23	30.03	29.44	16.16	23.87	21.16	24.25	22.81	0.000												
0150	22.12	24.83	27.24	30.05	29.30	16.06	23.87	21.16	24.25	23.01	0.000												
0155	22.13	24.83	27.24	30.07	29.16	16.01	23.87	21.16	24.25	23.01	0.000												
0160	22.13	24.83	27.25	30.09	29.02	15.86	23.87	21.16	24.25	23.01	0.000												
0165	22.13	24.84	27.25	30.11	28.89	15.79	23.87	21.16	24.26	21.45	0.000												
0170	22.13	24.84	27.26	30.13	28.76	15.72	23.88	21.16	24.26	21.09	0.000												
0175	22.13	24.84	27.27	30.15	28.63	15.66	23.88	21.17	24.26	20.68	0.000												
0180	22.13	24.84	27.28	30.17	28.50	15.60	23.88	21.17	24.26	21.07	0.000												
0185	22.13	24.84	27.28	30.19	28.37	15.53	23.88	21.17	24.27	18.96	0.000												
0190	22.13	24.84	27.28	30.21	28.24	15.46	23.88	21.17	24.27	19.01	0.000												
0195	22.13	24.84	27.29	30.23	28.11	15.38	23.88	21.17	24.27	18.75	0.000												
0200	22.13	24.85	27.29	30.25	28.03	15.30	23.89	21.17	24.27	18.81	0.000												
0205	22.13	24.85	27.30	30.27	27.94	15.22	23.89	21.17	24.27	18.81	0.000												
0210	22.13	24.85	27.30	30.29	27.86	15.14	23.89	21.17	24.27	18.99	0.000												
0215	22.13	24.85	27.31	30.31	27.78	15.06	23.89	21.17	24.27	19.38	0.000												
0220	22.13	24.85	27.31	30.33	27.70	14.98	23.89	21.17	24.27	18.99	0.000												
0225	22.13	24.85	27.31	30.35	27.62	14.91	23.89	21.17	24.27	18.99	0.000												
0230	22.13	24.85	27.31	30.37	27.54	14.84	23.90	21.18	24.28	18.43	0.000												
0235	22.13	24.85	27.31	30.39	27.46	14.76	23.90	21.18	24.28	18.73	0.000												
0240	22.13	24.85	27.32	30.41	27.38	14.68	23.90	21.18	24.29	20.30	0.000												
0245	22.14	24.86	27.32	30.43	27.30	14.60	23.90	21.18	24.29	21.33	0.000												
0250	22.14	24.86	27.32	30.45	27.22	14.52	23.90	21.18	24.29	21.89	0.000												
0255	22.14	24.86	27.33	30.47	27.14	14.44	23.90	21.18	24.29	22.39	0.000												
0260	22.14	24.86	27.33	30.49	27.06	14.36	23.90	21.18	24.29	22.38	0.000												
0265	22.14	24.86	27.33	30.51	26.98	14.28	23.90	21.18	24.29	22.12	0.000												
0270	22.14	24.86	27.33	30.53	26.90	14.20	23.90	21.18	24.29	21.77	0.000												
0275	22.14	24.86	27.33	30.55	26.82	14.12	23.90	21.18	24.29	21.77	0.000												
0280	22.14	24.86	27.33	30.57	26.74	14.04	23.90	21.18	24.29	21.77	0.000												
0285	22.14	24.86	27.33	30.59	26.66	13.96	23.90	21.18	24														



Time	Soil					Surf. PVC	PVC		Air Precip		
	1.75m	1.0m	.50m	.25m	.125m		1.0m	1.75m			
D 1500	+22.14	-24.89	+27.28	+27.79	+29.98	+55.46	+23.94	+21.20	+24.33	+36.23	+0.000
D 1515	+22.14	-24.89	+27.28	+27.80	+30.26	+55.50	+23.94	+21.20	+24.33	+36.23	+0.000
D 1530	+22.14	-24.89	+27.28	+27.82	+30.54	+55.53	+23.94	+21.20	+24.33	+36.23	+0.000
D 1545	+22.14	-24.89	+27.28	+27.84	+30.82	+55.58	+23.94	+21.20	+24.33	+36.23	+0.000
D 1600	+22.14	-24.90	+27.26	+27.87	+31.10	+54.99	+23.94	+21.21	+24.33	+35.89	+0.000
D 1615	+22.14	-24.90	+27.25	+27.90	+31.37	+54.47	+23.94	+21.21	+24.34	+36.04	+0.000
D 1630	+22.14	-24.90	+27.25	+27.94	+31.63	+53.64	+23.94	+21.21	+24.34	+36.04	+0.000
D 1645	+22.14	-24.90	+27.24	+27.98	+31.89	+52.96	+23.94	+21.21	+24.34	+35.86	+0.000
D 1700	+22.14	-24.90	+27.23	+28.02	+32.15	+52.00	+23.94	+21.21	+24.34	+35.91	+0.000
D 1715	+22.14	-24.90	+27.23	+28.07	+32.35	+50.88	+23.95	+21.21	+24.35	+35.41	+0.000
D 1730	+22.14	-24.90	+27.22	+28.12	+32.57	+49.74	+23.95	+21.21	+24.35	+35.00	+0.000
D 1745	+22.14	-24.91	+27.22	+28.17	+32.78	+48.66	+23.95	+21.21	+24.35	+34.40	+0.000
D 1800	+22.15	-24.91	+27.21	+28.23	+32.96	+47.41	+23.95	+21.21	+24.35	+33.54	+0.000
D 1815	+22.15	-24.91	+27.20	+28.29	+33.14	+45.99	+23.95	+21.21	+24.35	+33.13	+0.000
D 1830	+22.15	-24.91	+27.19	+28.35	+33.29	+44.43	+23.96	+21.22	+24.35	+32.80	+0.000
D 1845	+22.15	-24.91	+27.19	+28.42	+33.43	+42.87	+23.96	+21.22	+24.35	+32.33	+0.000
D 1900	+22.15	-24.92	+27.19	+28.48	+33.55	+41.23	+23.96	+21.22	+24.36	+31.66	+0.000
D 1915	+22.15	-24.92	+27.18	+28.55	+33.64	+39.67	+23.96	+21.22	+24.36	+30.96	+0.000
D 1930	+22.15	-24.92	+27.18	+28.61	+33.72	+37.81	+23.96	+21.22	+24.36	+29.83	+0.000
D 1945	+22.15	-24.92	+27.17	+28.68	+33.78	+35.55	+23.96	+21.22	+24.36	+28.98	+0.000
D 2000	+22.15	-24.92	+27.17	+28.75	+33.82	+33.78	+23.97	+21.22	+24.37	+27.88	+0.000
D 2015	+22.15	-24.92	+27.16	+28.81	+33.84	+32.33	+23.97	+21.22	+24.37	+26.93	+0.000
D 2030	+22.15	-24.93	+27.16	+28.88	+33.84	+30.99	+23.97	+21.23	+24.38	+26.57	+0.000
D 2045	+22.15	-24.93	+27.15	+28.94	+33.82	+29.82	+23.97	+21.23	+24.38	+26.26	+0.000
D 2115	+22.16	-24.93	+27.15	+29.00	+33.78	+28.87	+23.97	+21.23	+24.38	+25.79	+0.000
D 2130	+22.16	-24.94	+27.15	+29.06	+33.72	+28.03	+23.98	+21.23	+24.38	+25.30	+0.000
D 2145	+22.16	-24.94	+27.14	+29.12	+33.65	+27.21	+23.98	+21.23	+24.38	+24.75	+0.000
D 2200	+22.16	-24.94	+27.14	+29.17	+33.56	+26.64	+23.98	+21.23	+24.38	+24.25	+0.000
D 2215	+22.16	-24.94	+27.14	+29.22	+33.46	+26.04	+23.98	+21.23	+24.38	+23.70	+0.000
D 2230	+22.16	-24.94	+27.14	+29.27	+33.35	+25.31	+23.98	+21.24	+24.39	+23.10	+0.000
D 2245	+22.16	-24.94	+27.14	+29.32	+33.23	+24.64	+23.99	+21.24	+24.39	+22.49	+0.000
D 2300	+22.16	-24.95	+27.14	+29.36	+33.10	+23.95	+23.99	+21.24	+24.39	+21.88	+0.000
D 2315	+22.16	-24.95	+27.15	+29.40	+32.96	+23.30	+23.99	+21.24	+24.39	+21.27	+0.000
D 2330	+22.16	-24.95	+27.15	+29.44	+32.82	+22.68	+23.99	+21.24	+24.40	+20.65	+0.000
D 2345	+22.16	-24.95	+27.15	+29.48	+32.52	+21.83	+23.99	+21.25	+24.40	+20.02	+0.000
D 0000	+22.16	-24.95	+27.15	+29.51	+32.37	+21.54	+23.99	+21.25	+24.39	+19.39	+0.000
* 87 218											
D 0015	+22.16	-24.95	+27.15	+29.53	+32.22	+21.38	+23.99	+21.25	+24.39	+18.76	+0.000
D 0030	+22.16	-24.95	+27.16	+29.55	+32.06	+21.16	+23.99	+21.25	+24.39	+18.13	+0.000
D 0045	+22.16	-24.96	+27.16	+29.57	+31.90	+20.41	+23.99	+21.25	+24.40	+17.50	+0.000
D 0100	+22.17	-24.96	+27.17	+29.58	+31.75	+19.90	+23.99	+21.25	+24.40	+16.87	+0.000
D 0115	+22.17	-24.96	+27.17	+29.59	+31.59	+19.53	+24.00	+21.25	+24.40	+16.24	+0.000
D 0130	+22.17	-24.96	+27.18	+29.59	+31.43	+19.36	+24.00	+21.25	+24.40	+15.61	+0.000
D 0145	+22.17	-24.96	+27.18	+29.59	+31.27	+19.19	+24.00	+21.25	+24.41	+14.98	+0.000
D 0200	+22.17	-24.96	+27.18	+29.59	+31.12	+19.02	+24.00	+21.25	+24.41	+14.35	+0.000
D 0215	+22.17	-24.97	+27.19	+29.58	+30.97	+18.85	+24.01	+21.26	+24.41	+13.72	+0.000
D 0230	+22.17	-24.97	+27.20	+29.57	+30.81	+18.68	+24.01	+21.26	+24.41	+13.09	+0.000
D 0245	+22.17	-24.97	+27.20	+29.56	+30.66	+18.51	+24.01	+21.26	+24.41	+12.46	+0.000
D 0300	+22.17	-24.97	+27.21	+29.55	+30.51	+18.34	+24.01	+21.26	+24.41	+11.83	+0.000
D 0315	+22.17	-24.97	+27.21	+29.53	+30.36	+18.20	+24.01	+21.26	+24.41	+11.20	+0.000
D 0330	+22.17	-24.97	+27.22	+29.52	+30.22	+18.07	+24.01	+21.26	+24.41	+10.57	+0.000
D 0345	+22.17	-24.97	+27.23	+29.50	+30.08	+17.94	+24.02	+21.26	+24.41	+9.94	+0.000
D 0400	+22.17	-24.98	+27.23	+29.48	+29.94	+17.81	+24.02	+21.26	+24.41	+9.31	+0.000
D 0415	+22.17	-24.98	+27.24	+29.45	+29.80	+17.68	+24.02	+21.26	+24.41	+8.68	+0.000
D 0430	+22.18	-24.98	+27.25	+29.43	+29.66	+17.41	+24.02	+21.27	+24.41	+8.05	+0.000

Time	Soil					Surf. PVC	PVC		Air Precip		
	1.75m	1.0m	.50m	.25m	.125m		1.0m	1.75m			
D 0445	+22.18	-24.98	+27.25	+29.40	+29.53	+17.07	+24.02	+21.27	+24.42	+18.72	+0.000
D 0500	+22.17	-24.98	+27.26	+29.37	+29.40	+16.58	+24.02	+21.27	+24.42	+18.09	+0.000
D 0515	+22.18	-24.98	+27.27	+29.34	+29.27	+16.28	+24.02	+21.27	+24.42	+17.46	+0.000
D 0530	+22.18	-24.98	+27.27	+29.31	+29.14	+16.01	+24.03	+21.27	+24.42	+16.83	+0.000
D 0545	+22.18	-24.99	+27.28	+29.28	+29.01	+15.74	+24.03	+21.28	+24.42	+16.20	+0.000
D 0600	+22.18	-24.99	+27.29	+29.25	+28.89	+15.47	+24.03	+21.28	+24.42	+15.57	+0.000
D 0615	+22.18	-24.99	+27.29	+29.22	+28.76	+15.20	+24.03	+21.28	+24.43	+14.94	+0.000
D 0630	+22.18	-24.99	+27.30	+29.18	+28.64	+14.93	+24.03	+21.29	+24.43	+14.31	+0.000
D 0645	+22.18	-24.99	+27.30	+29.14	+28.52	+14.66	+24.03	+21.29	+24.43	+13.68	+0.000
D 0700	+22.18	-24.99	+27.31	+29.10	+28.40	+14.39	+24.03	+21.29	+24.43	+13.05	+0.000
D 0715	+22.18	-24.99	+27.31	+29.06	+28.28	+14.12	+24.04	+21.29	+24.43	+12.42	+0.000
D 0730	+22.18	-24.99	+27.32	+29.02	+28.16	+13.85	+24.04	+21.29	+24.43	+11.79	+0.000
D 0745	+22.18	-24.99	+27.32	+28.98	+28.05	+13.58	+24.04	+21.29	+24.43	+11.16	+0.000
D 0800	+22.18	-25.00	+27.33	+28.94	+27.94	+13.31	+24.04	+21.30	+24.43	+10.53	+0.000
D 0815	+22.18	-25.00	+27.33	+28.90	+27.83	+13.04	+24.04	+21.30	+24.44	+9.90	+0.000
D 0830	+22.18	-25.00	+27.34	+28.86	+27.73	+12.77	+24.04	+21.30	+24.44	+9.27	+0.000
D 0845	+22.18	-25.00	+27.34	+28.81	+27.63	+12.50	+24.05	+21.30	+24.44	+8.64	+0.000
D 0900	+22.18	-25.00	+27.34	+28.77	+27.55	+12.23	+24.04	+21.30	+24.45	+8.01	+0.000
D 0915	+22.18	-25.00	+27.35	+28.73	+27.47	+11.96	+24.04	+21.30	+24.44	+7.38	+0.000
D 0930	+22.18	-25.00	+27.35	+28.68	+27.40	+11.69	+24.04	+21.30	+24.44	+6.75	+0.000
D 0945	+22.18	-25.00	+27.36	+28.64	+27.35	+11.42	+24.04	+21.30	+24.44	+6.12	+0.000
D 1000	+22.18	-25.00	+27.36	+28.59	+27.31	+11.15	+24.05	+21.31	+24.45	+5.49	+0.000
D 1015	+22.18	-25.00	+27.36	+28.55	+27.31	+10.88	+24.05	+21.31	+24.45	+4.86	+0.000
D 1030	+22.19	-25.00	+27.37	+28.51	+27.37	+10.61	+24.05	+21.31	+24.45	+4.23	+0.000
D 1045	+22.19	-25.01	+27.37	+28.47	+27.35	+10.34	+24.05	+21.31	+24.45	+3.60	+0.000
D 1100	+22.19	-25.01	+27.37	+28.43	+27.41	+10.07	+24.05	+21.31	+24.45	+2.97	+0.000
D 1115	+22.19	-25.01	+27.37	+28.38	+27.48	+9.80	+24.05	+21.31	+24.46	+2.34	+0.000
D 1130	+22.19	-25.01	+27.37	+28.34	+27.58	+9.53	+24.05	+21.31	+24.46	+1.71	+0.000
D 1145	+22.19	-25.01	+27.37	+28.31	+27.70	+9.26	+24.05	+21.31	+24.45	+1.08	+0.000
D 1200	+22.19	-25.01	+27.38	+28.27	+27.84	+8.99	+24.05	+21.31	+24.46	+0.45	+0.000
D 1215	+22.19	-25.01	+27.37	+28.24	+28.00	+8.72	+24.06	+21.31	+24.46	-0.18	+0.000
D 1230	+22.19	-25.01	+27.37	+28.21	+28.18	+8.45	+24.06	+21.31	+24.46	-0.81	+0.000
D 1245	+22.19	-25.01	+27.37	+28.18	+28.38	+8.18	+24.06	+21.31	+24.46	-1.44	+0.000
D 1300	+22.19	-25.01	+27.37	+28.16	+28.60	+7.91	+24.06	+21.31	+24.46	-2.07	+0.000
D 1315	+22.19	-25.01	+27.37	+28.14	+28.83	+7.64	+24.06	+21.31	+24.46	-2.70	+0.000
D 1330	+22.19	-25.01	+27.37	+28.13	+29.07	+7.37	+24.06	+21.31	+24.46	-3.33	+0.000
D 1345	+22.19	-25.01	+27.37	+28.12	+29.32	+7.10	+24.06	+21.31	+24.46	-3.96	+0.000
D 1400	+22.19	-25.02	+27.37	+28.11	+29.58	+6.83	+24.06	+21.32	+24.46	-4.59	+0.000
D 1415	+22.19	-25.02	+27.36	+28.11	+29.84	+6.56	+24.06	+21.32	+24.47	-5.22	+0.000
D 1430	+22.19	-25.02	+27.36	+28.11	+30.11	+6.29	+24.07	+21.32	+24.47	-5.85	+0.000
D 1445	+22.19	-25.02	+27.36	+28.12	+30.37	+6.02	+24.07	+21.32	+24.47	-6.48	+0.000
D 1500	+22.19	-25.02	+27.36	+28.13	+30.63	+5.75	+24				

Time	1.75m					1.0m		1.75m		1.75m		Air Precip
	Soil	Soil	Soil	Soil	Soil	Surf. PVC	PVC	PVC	PVC			
D 0845	+22.20	+25.04	+27.30	+28.78	+33.59	+40.75	+24.09	+21.34	+24.50	+30.86	+0.000	
D 0900	+22.20	+25.04	+27.29	+28.84	+33.68	+39.11	+24.09	+21.34	+24.50	+30.22	+0.000	
D 0915	+22.20	+25.04	+27.29	+28.90	+33.77	+37.43	+24.09	+21.34	+24.50	+29.58	+0.000	
D 0930	+22.20	+25.04	+27.29	+28.96	+33.80	+35.49	+24.09	+21.34	+24.50	+28.70	+0.000	
D 0945	+22.20	+25.04	+27.28	+29.02	+33.84	+33.21	+24.09	+21.34	+24.51	+27.62	+0.000	
D 1000	+22.20	+25.05	+27.28	+29.08	+33.85	+31.51	+24.09	+21.34	+24.51	+26.97	+0.000	
D 1015	+22.20	+25.05	+27.28	+29.14	+33.85	+30.12	+24.10	+21.34	+24.51	+26.36	+0.000	
D 1030	+22.21	+25.05	+27.28	+29.20	+33.83	+28.88	+24.10	+21.35	+24.51	+25.76	+0.000	
D 1045	+22.21	+25.05	+27.28	+29.26	+33.79	+27.64	+24.10	+21.35	+24.51	+25.13	+0.000	
D 1100	+22.21	+25.05	+27.28	+29.31	+33.73	+26.59	+24.10	+21.35	+24.51	+24.37	+0.000	
D 1115	+22.21	+25.06	+27.28	+29.37	+33.65	+25.85	+24.10	+21.35	+24.52	+24.62	+0.000	
D 1130	+22.21	+25.06	+27.28	+29.42	+33.56	+25.50	+24.10	+21.35	+24.52	+24.70	+0.000	
D 1145	+22.21	+25.06	+27.28	+29.46	+33.46	+25.13	+24.11	+21.35	+24.52	+24.33	+0.000	
D 1200	+22.21	+25.06	+27.28	+29.51	+33.34	+24.57	+24.11	+21.36	+24.52	+23.83	+0.000	
D 1215	+22.21	+25.06	+27.28	+29.55	+33.22	+23.89	+24.11	+21.36	+24.52	+23.06	+0.000	
D 1230	+22.21	+25.06	+27.28	+29.59	+33.08	+23.07	+24.11	+21.36	+24.52	+22.42	+0.000	
D 1245	+22.21	+25.06	+27.28	+29.62	+32.94	+22.31	+24.11	+21.36	+24.52	+21.01	+0.000	
D 1300	+22.21	+25.06	+27.28	+29.65	+32.79	+21.65	+24.11	+21.36	+24.52	+20.98	+0.000	
D 1315	+22.21	+25.07	+27.28	+29.68	+32.64	+21.09	+24.11	+21.36	+24.52	+20.98	+0.000	
D 1330	+22.21	+25.07	+27.28	+29.72	+32.48	+20.53	+24.11	+21.36	+24.52	+20.98	+0.000	
D 1345	+22.21	+25.07	+27.28	+29.72	+32.33	+20.43	+24.11	+21.36	+24.52	+22.17	+0.000	
D 0000	+22.22	+25.07	+27.30	+29.74	+32.18	+20.62	+24.12	+21.36	+24.53	+21.61	+0.000	
* 07 210												
D 0015	+22.22	+25.07	+27.31	+29.75	+32.01	+20.35	+24.12	+21.36	+24.53	+20.63	+0.000	
D 0030	+22.22	+25.07	+27.31	+29.75	+31.85	+20.09	+24.12	+21.37	+24.53	+21.45	+0.000	
D 0045	+22.22	+25.07	+27.31	+29.76	+31.69	+19.91	+24.12	+21.37	+24.53	+21.64	+0.000	
D 0100	+22.22	+25.08	+27.32	+29.77	+31.53	+19.67	+24.12	+21.37	+24.53	+21.09	+0.000	
D 0115	+22.22	+25.08	+27.32	+29.77	+31.37	+19.15	+24.12	+21.37	+24.53	+19.85	+0.000	
D 0130	+22.22	+25.08	+27.33	+29.76	+31.21	+18.68	+24.12	+21.37	+24.53	+18.81	+0.000	
D 0145	+22.22	+25.08	+27.34	+29.75	+31.05	+18.13	+24.12	+21.37	+24.54	+18.76	+0.000	
D 0200	+22.22	+25.08	+27.34	+29.75	+30.89	+17.69	+24.12	+21.37	+24.54	+18.46	+0.000	
D 0215	+22.22	+25.08	+27.35	+29.74	+30.74	+17.20	+24.12	+21.38	+24.54	+18.51	+0.000	
D 0230	+22.22	+25.08	+27.35	+29.72	+30.59	+17.28	+24.12	+21.38	+24.54	+19.61	+0.000	
D 0245	+22.22	+25.08	+27.36	+29.71	+30.44	+17.48	+24.12	+21.38	+24.54	+19.45	+0.000	
D 0300	+22.22	+25.09	+27.37	+29.69	+30.29	+17.46	+24.12	+21.38	+24.54	+19.35	+0.000	
D 0315	+22.22	+25.09	+27.37	+29.67	+30.14	+17.35	+24.12	+21.38	+24.54	+19.08	+0.000	
D 0330	+22.22	+25.09	+27.38	+29.65	+30.00	+17.29	+24.12	+21.38	+24.54	+19.35	+0.000	
D 0345	+22.22	+25.09	+27.39	+29.62	+29.85	+17.05	+24.12	+21.38	+24.54	+18.60	+0.000	
D 0400	+22.22	+25.09	+27.40	+29.59	+29.71	+16.84	+24.12	+21.38	+24.54	+18.90	+0.000	
D 0415	+22.22	+25.09	+27.40	+29.57	+29.57	+16.55	+24.12	+21.39	+24.55	+18.52	+0.000	
D 0430	+22.22	+25.09	+27.41	+29.53	+29.43	+16.24	+24.12	+21.39	+24.55	+18.26	+0.000	
D 0445	+22.22	+25.10	+27.41	+29.50	+29.29	+16.05	+24.12	+21.39	+24.55	+18.02	+0.000	
D 0450	+22.22	+25.10	+27.42	+29.47	+29.16	+15.62	+24.12	+21.39	+24.56	+16.88	+0.000	
D 0515	+22.22	+25.10	+27.42	+29.44	+29.03	+15.07	+24.12	+21.39	+24.56	+15.86	+0.000	
D 0530	+22.22	+25.10	+27.43	+29.40	+28.90	+14.56	+24.12	+21.39	+24.56	+15.96	+0.000	
D 0545	+22.22	+25.10	+27.43	+29.36	+28.77	+14.27	+24.12	+21.39	+24.56	+15.86	+0.000	
D 0600	+22.22	+25.10	+27.44	+29.33	+28.65	+14.07	+24.12	+21.39	+24.56	+15.84	+0.000	
D 0615	+22.22	+25.10	+27.44	+29.29	+28.52	+13.86	+24.12	+21.39	+24.56	+15.84	+0.000	
D 0630	+22.22	+25.10	+27.45	+29.25	+28.39	+13.65	+24.12	+21.39	+24.56	+15.84	+0.000	
D 0645	+22.22	+25.10	+27.45	+29.21	+28.27	+13.68	+24.12	+21.40	+24.56	+16.85	+0.000	
D 0700	+22.22	+25.11	+27.46	+29.17	+28.14	+13.72	+24.12	+21.40	+24.57	+16.73	+0.000	
D 0715	+22.24	+25.11	+27.47	+29.12	+28.02	+13.67	+24.12	+21.40	+24.57	+16.74	+0.000	
D 0730	+22.24	+25.11	+27.47	+29.08	+27.90	+13.99	+24.12	+21.40	+24.57	+18.51	+0.000	
D 0745	+22.24	+25.11	+27.48	+29.03	+27.77	+13.33	+24.12	+21.40	+24.57	+19.71	+0.000	
D 0800	+22.24	+25.11	+27.48	+28.99	+27.65	+12.45	+24.12	+21.40	+24.57	+20.91	+0.000	
D 0815	+22.24	+25.11	+27.49	+28.94	+27.54	+19.13	+24.16	+21.40	+24.57	+20.76	+0.000	

Time	1.75m					1.0m		1.75m		1.75m		Air Precip
	Soil	Soil	Soil	Soil	Soil	Surf. PVC	PVC	PVC	PVC			
D 0830	+22.24	+25.11	+27.49	+28.90	+27.42	+21.17	+24.16	+21.40	+24.58	+21.73	+0.000	
D 0845	+22.24	+25.11	+27.50	+28.85	+27.31	+23.30	+24.16	+21.40	+24.58	+21.87	+0.000	
D 0900	+22.24	+25.11	+27.50	+28.80	+27.21	+25.42	+24.16	+21.40	+24.59	+22.45	+0.000	
D 0915	+22.24	+25.11	+27.50	+28.76	+27.12	+27.66	+24.16	+21.40	+24.59	+23.63	+0.000	
D 0930	+22.24	+25.11	+27.51	+28.71	+27.05	+29.93	+24.16	+21.40	+24.59	+23.97	+0.000	
D 0945	+22.24	+25.11	+27.51	+28.66	+27.00	+32.15	+24.16	+21.40	+24.58	+24.97	+0.000	
D 1000	+22.24	+25.11	+27.51	+28.61	+26.95	+34.20	+24.16	+21.40	+24.59	+24.69	+0.000	
D 1015	+22.24	+25.11	+27.51	+28.56	+26.94	+35.96	+24.16	+21.40	+24.59	+25.10	+0.000	
D 1030	+22.24	+25.11	+27.51	+28.52	+26.94	+37.75	+24.17	+21.40	+24.59	+25.81	+0.000	
D 1045	+22.24	+25.11	+27.51	+28.47	+26.93	+39.73	+24.17	+21.41	+24.59	+26.41	+0.000	
D 1100	+22.24	+25.12	+27.52	+28.43	+27.02	+41.61	+24.17	+21.41	+24.59	+26.41	+0.000	
D 1115	+22.24	+25.12	+27.52	+28.38	+27.09	+43.53	+24.17	+21.41	+24.59	+26.65	+0.000	
D 1130	+22.24	+25.12	+27.52	+28.34	+27.18	+45.15	+24.17	+21.41	+24.60	+27.60	+0.000	
D 1145	+22.24	+25.12	+27.52	+28.30	+27.30	+46.77	+24.17	+21.41	+24.60	+27.92	+0.000	
D 1200	+22.24	+25.12	+27.52	+28.26	+27.43	+48.07	+24.17	+21.41	+24.60	+28.46	+0.000	
D 1215	+22.24	+25.12	+27.52	+28.22	+27.58	+49.57	+24.17	+21.41	+24.60	+28.74	+0.000	
D 1230	+22.24	+25.12	+27.52	+28.19	+27.75	+50.52	+24.17	+21.41	+24.60	+28.60	+0.000	
D 1245	+22.24	+25.13	+27.51	+28.16	+27.93	+51.27	+24.17	+21.41	+24.59	+29.16	+0.000	
D 1300	+22.24	+25.13	+27.51	+28.13	+28.14	+52.04	+24.17	+21.41	+24.60	+29.48	+0.000	
D 1315	+22.24	+25.13	+27.51	+28.11	+28.36	+52.92	+24.18	+21.41	+24.60	+29.74	+0.000	
D 1330	+22.24	+25.13	+27.51	+28.09	+28.59	+53.31	+24.18	+21.41	+24.60	+30.10	+0.000	
D 1345	+22.24	+25.13	+27.50	+28.08	+28.83	+53.61	+24.18	+21.42	+24.61	+30.22	+0.000	
D 1400	+22.24	+25.13	+27.50	+28.06	+29.08	+54.31	+24.18	+21.42	+24.61	+30.32	+0.000	
D 1415	+22.24	+25.13	+27.50	+28.06	+29.34	+54.94	+24.18	+21.42	+24.61	+30.64	+0.000	
D 1430	+22.24	+25.13	+27.49	+28.06	+29.60	+55.26	+24.18	+21.42	+24.62	+30.70	+0.000	
D 1445	+22.24	+25.13	+27.49	+28.06	+29.87	+55.09	+24.18	+21.42	+24.62	+31.47	+0.000	
D 1500	+22.24	+25.13	+27.49	+28.07	+30.14	+54.91	+24.18	+21.42	+24.62	+32.42	+0.000	
D 1515	+22.25	+25.13	+27.49	+28.08	+30.41	+54.88	+24.18	+21.42	+24.62	+31.05	+0.000	
D 1530	+22.25	+25.13	+27.48	+28.10	+30.68	+54.95	+24.18	+21.42	+24.62	+31.65	+0.000	
D 1545	+22.25	+25.13	+27.48	+28.12	+30.95	+54.78	+24.18	+21.42	+24.62	+32.07	+0.000	
D 1600	+22.											

		1.0m		1.75m		1.75m							
		1.75m	1.0m	.50m	.25m	.125m	Surf.PVC	PVC	PVC	Air	Precip		
Time	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m			
D 2230	+22.27	+25.18	+27.38	+29.53	+33.33	+24.28	+24.22	+21.45	+24.67	+24.13	+0.000		
D 2245	+22.27	+25.18	+27.38	+29.57	+33.19	+23.47	+24.22	+21.45	+24.67	+23.48	+0.000		
D 2300	+22.27	+25.18	+27.38	+29.61	+33.04	+22.88	+24.22	+21.46	+24.67	+23.67	+0.000		
D 2315	+22.27	+25.18	+27.38	+29.64	+32.89	+22.37	+24.23	+21.46	+24.67	+22.75	+0.000		
D 2330	+22.27	+25.18	+27.38	+29.67	+32.74	+21.71	+24.23	+21.46	+24.67	+22.14	+0.000		
D 2345	+22.27	+25.18	+27.38	+29.70	+32.58	+21.05	+24.23	+21.46	+24.67	+22.48	+0.000		
D 0000	+22.27	+25.18	+27.39	+29.72	+32.43	+20.50	+24.22	+21.46	+24.67	+21.64	+0.000		
# 87 220													
D 0015	+22.27	+25.18	+27.39	+29.74	+32.27	+20.10	+24.23	+21.46	+24.68	+21.91	+0.000		
D 0030	+22.27	+25.19	+27.39	+29.76	+32.10	+19.73	+24.23	+21.46	+24.68	+20.89	+0.000		
D 0045	+22.27	+25.19	+27.40	+29.78	+31.78	+19.43	+24.23	+21.46	+24.68	+22.16	+0.000		
D 0100	+22.28	+25.19	+27.40	+29.78	+31.78	+19.43	+24.23	+21.46	+24.68	+22.16	+0.000		
D 0115	+22.28	+25.19	+27.41	+29.78	+31.61	+19.25	+24.23	+21.46	+24.68	+21.66	+0.000		
D 0130	+22.28	+25.19	+27.41	+29.78	+31.45	+19.10	+24.24	+21.47	+24.69	+20.53	+0.000		
D 0145	+22.28	+25.19	+27.42	+29.78	+31.29	+18.93	+24.24	+21.47	+24.69	+20.19	+0.000		
D 0200	+22.28	+25.19	+27.43	+29.77	+30.96	+18.07	+24.24	+21.47	+24.69	+20.36	+0.000		
D 0215	+22.28	+25.19	+27.43	+29.77	+30.96	+18.07	+24.24	+21.47	+24.69	+20.36	+0.000		
D 0230	+22.28	+25.20	+27.43	+29.76	+30.80	+18.00	+24.24	+21.47	+24.69	+20.34	+0.000		
D 0245	+22.28	+25.20	+27.44	+29.75	+30.65	+17.77	+24.24	+21.47	+24.69	+19.92	+0.000		
D 0300	+22.28	+25.20	+27.45	+29.73	+30.49	+17.42	+24.24	+21.47	+24.69	+20.51	+0.000		
D 0315	+22.28	+25.20	+27.45	+29.71	+30.34	+17.20	+24.24	+21.47	+24.69	+20.42	+0.000		
D 0330	+22.28	+25.20	+27.46	+29.69	+30.19	+17.01	+24.25	+21.47	+24.70	+20.06	+0.000		
D 0345	+22.28	+25.20	+27.47	+29.67	+30.04	+16.90	+24.25	+21.48	+24.70	+20.06	+0.000		
D 0400	+22.28	+25.20	+27.47	+29.65	+29.89	+16.79	+24.25	+21.48	+24.70	+19.27	+0.000		
D 0415	+22.28	+25.21	+27.48	+29.63	+29.75	+16.37	+24.25	+21.48	+24.70	+19.05	+0.000		
D 0430	+22.29	+25.21	+27.48	+29.59	+29.61	+16.02	+24.25	+21.48	+24.70	+19.28	+0.000		
D 0445	+22.29	+25.21	+27.50	+29.53	+29.33	+15.44	+24.25	+21.48	+24.71	+18.46	+0.000		
D 0500	+22.29	+25.21	+27.50	+29.50	+29.19	+15.18	+24.26	+21.48	+24.71	+17.15	+0.000		
D 0515	+22.29	+25.21	+27.50	+29.50	+29.19	+15.18	+24.26	+21.48	+24.71	+17.59	+0.000		
D 0530	+22.29	+25.21	+27.51	+29.46	+29.05	+14.93	+24.26	+21.49	+24.70	+17.49	+0.000		
D 0545	+22.29	+25.21	+27.51	+29.43	+28.92	+14.71	+24.26	+21.49	+24.70	+17.90	+0.000		
D 0600	+22.29	+25.21	+27.52	+29.39	+28.79	+14.53	+24.26	+21.49	+24.70	+17.90	+0.000		
D 0615	+22.29	+25.21	+27.53	+29.35	+28.66	+14.39	+24.26	+21.49	+24.71	+17.67	+0.000		
D 0630	+22.29	+25.21	+27.53	+29.31	+28.53	+14.36	+24.26	+21.49	+24.71	+18.03	+0.000		
D 0645	+22.29	+25.22	+27.54	+29.28	+28.40	+14.32	+24.26	+21.49	+24.71	+16.46	+0.000		
D 0700	+22.29	+25.22	+27.54	+29.23	+28.27	+14.49	+24.26	+21.49	+24.71	+17.32	+0.000		
D 0715	+22.29	+25.22	+27.54	+29.15	+28.03	+15.13	+24.26	+21.49	+24.71	+18.94	+0.000		
D 0730	+22.29	+25.22	+27.55	+29.15	+28.03	+15.13	+24.26	+21.49	+24.72	+20.04	+0.000		
D 0745	+22.29	+25.22	+27.55	+29.11	+27.90	+16.56	+24.26	+21.49	+24.72	+20.04	+0.000		
D 0800	+22.29	+25.22	+27.56	+29.06	+27.78	+18.20	+24.26	+21.50	+24.72	+20.93	+0.000		
D 0815	+22.29	+25.22	+27.57	+29.02	+27.67	+20.04	+24.26	+21.50	+24.72	+21.63	+0.000		
D 0830	+22.29	+25.22	+27.57	+28.97	+27.56	+20.02	+24.26	+21.50	+24.72	+22.41	+0.000		
D 0845	+22.29	+25.22	+27.58	+28.93	+27.46	+20.00	+24.26	+21.50	+24.72	+21.73	+0.000		
D 0900	+22.29	+25.22	+27.58	+28.88	+27.36	+20.22	+24.26	+21.50	+24.72	+24.99	+0.000		
D 0915	+22.29	+25.22	+27.58	+28.83	+27.28	+20.62	+24.27	+21.50	+24.72	+24.46	+0.000		
D 0930	+22.30	+25.22	+27.58	+28.79	+27.16	+20.99	+24.26	+21.50	+24.72	+25.12	+0.000		
D 0945	+22.30	+25.22	+27.58	+28.74	+27.16	+21.12	+24.26	+21.50	+24.72	+25.93	+0.000		
D 1000	+22.30	+25.22	+27.58	+28.69	+27.12	+21.37	+24.27	+21.50	+24.73	+26.83	+0.000		
D 1015	+22.30	+25.22	+27.59	+28.64	+27.11	+21.52	+24.27	+21.50	+24.73	+27.66	+0.000		
D 1030	+22.30	+25.23	+27.59	+28.60	+27.12	+21.78	+24.27	+21.50	+24.73	+28.40	+0.000		
D 1045	+22.30	+25.23	+27.60	+28.55	+27.10	+21.94	+24.27	+21.51	+24.73	+28.71	+0.000		
D 1100	+22.30	+25.23	+27.60	+28.55	+27.10	+22.18	+24.27	+21.51	+24.73	+29.25	+0.000		
D 1115	+22.30	+25.23	+27.60	+28.55	+27.10	+22.42	+24.27	+21.51	+24.73	+29.96	+0.000		
D 1130	+22.30	+25.23	+27.59	+28.42	+27.37	+22.74	+24.27	+21.51	+24.74	+30.09	+0.000		
D 1145	+22.30	+25.23	+27.60	+28.38	+27.49	+23.08	+24.27	+21.51	+24.74	+30.62	+0.000		
D 1200	+22.30	+25.23	+27.60	+28.35	+27.64	+23.47	+24.27	+21.51	+24.74	+30.62	+0.000		

		1.0m		1.75m		1.75m							
		1.75m	1.0m	.50m	.25m	.125m	Surf.PVC	PVC	PVC	Air	Precip		
Time	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m			
D 1215	+22.30	+25.23	+27.60	+28.31	+27.80	+51.43	+24.28	+21.51	+24.74	+31.14	+0.000		
D 1230	+22.30	+25.23	+27.59	+28.28	+27.98	+52.61	+24.28	+21.51	+24.74	+31.57	+0.000		
D 1245	+22.30	+25.23	+27.59	+28.25	+28.18	+53.56	+24.28	+21.51	+24.74	+32.18	+0.000		
D 1300	+22.30	+25.23	+27.59	+28.22	+28.39	+54.80	+24.28	+21.51	+24.74	+32.68	+0.000		
D 1315	+22.30	+25.23	+27.59	+28.20	+28.63	+55.18	+24.28	+21.51	+24.75	+33.87	+0.000		
D 1330	+22.30	+25.23	+27.59	+28.19	+28.87	+56.07	+24.28	+21.51	+24.75	+34.86	+0.000		
D 1345	+22.30	+25.24	+27.58	+28.17	+29.13	+56.87	+24.28	+21.52	+24.75	+33.46	+0.000		
D 1400	+22.30	+25.24	+27.58	+28.16	+29.68	+57.87	+24.28	+21.52	+24.75	+33.65	+0.000		
D 1415	+22.30	+25.24	+27.58	+28.16	+29.96	+58.01	+24.28	+21.52	+24.75	+34.01	+0.000		
D 1430	+22.30	+25.24	+27.58	+28.17	+29.96	+58.01	+24.28	+21.52	+24.76	+34.93	+0.000		
D 1445	+22.30	+25.24	+27.57	+28.17	+30.25	+57.67	+24.28	+21.52	+24.76	+34.11	+0.000		
D 1500	+22.30	+25.24	+27.57	+28.18	+30.54	+57.83	+24.29	+21.52	+24.76	+33.73	+0.000		
D 1515	+22.30	+25.24	+27.57	+28.20	+30.84	+57.93	+24.29	+21.52	+24.77	+34.60	+0.000		
D 1530	+22.31	+25.24	+27.56	+28.25	+31.13	+57.69	+24.29	+21.52	+24.77	+34.60	+0.000		
D 1545	+22.31	+25.24	+27.56	+28.25	+31.42	+57.60	+24.29	+21.52	+24.77	+34.49	+0.000		
D 1600	+22.31	+25.25	+27.55	+28.28	+31.71	+56.92	+24.29	+21.52	+24.77	+34.38	+0.000		
D 1615	+22.31	+25.24	+27.55	+28.31	+32.00	+56.28	+24.29	+21.53	+24.77	+34.80	+0.000		
D 1630	+22.31	+25.25	+27.54	+28.35	+32.29	+55.64	+24.29	+21.53	+24.77	+34.79	+0.000		
D 1645	+22.31	+25.25	+27.54	+28.39	+32.52	+56.17	+24.29	+21.53	+24.77	+34.59	+0.000		
D 1700	+22.31	+25.25	+27.54	+28.44	+32.78	+55.19	+24.29	+21.53	+24.78	+35.27	+0.000		
D 1715	+22.31	+25.25	+27.53	+28.49	+33.02	+54.49	+24.29	+21.53	+24.78	+34.98	+0.000		
D 1730	+22.31	+25.25	+27.52	+28.54	+33.25	+53.53	+24.30	+21.53	+24.78	+34.25	+0.000		
D 1745	+22.31	+25.25	+27.52	+28.60	+33.47	+52.30	+24.30	+21.53	+24.78	+34.01	+0.000		
D 1800	+22.31	+25.25	+27.51	+28.66	+33.67	+50.71	+24.30	+21.53	+24.78	+33.29	+0.000		
D 1815	+22.31	+25.25	+27.51	+28.72	+33.86	+48.67	+24.30	+21.53	+24.78	+32.17	+0.000		
D 1830	+22.31	+25.25	+27.50	+28.79	+34.03	+45.90	+24.30	+21.53	+24.78	+31.17	+0.000		
D 1845	+22.31	+25.26	+27.50	+28.86	+34.18	+42.99	+24.30	+21.54	+24.79	+32.11	+0.000		
D 1900	+22.32	+25.26	+27.50	+28.93	+34.31	+41.17	+24.30	+21.54	+24.79	+31.93	+0.000		
D 1915	+22.32	+25.26	+27.49	+28.99	+34.42	+40.37	+24.31	+21.54	+24.79	+31.03	+0.000		
D 1930	+22.32	+25.26	+27.49	+29.14	+34.58	+37.15	+24.31	+21.54	+24.79	+29.93	+0.000		
D 1945	+22.32	+25.26	+27.49	+29.20	+34.62	+35.42	+24.31	+21.54	+24.80	+29.26	+0.000		
D 2000	+22.32	+25.26	+27.48	+29.20	+34.62	+35.42	+24.31	+21.55	+24.80	+28.70			





Time	1.0m 1.75m 1.75m										
	1.75m Soil	1.0m Soil	.50m Soil	.25m Soil	.125m Soil	Surf. Soil	PVC	PVC	PVC	Air Precip	
0545	22.41	25.42	27.91	30.02	29.66	16.81	24.47	21.70	25.06	-17.70	+0.000
0600	22.41	25.43	27.92	29.98	29.54	16.57	24.47	21.70	25.06	-18.50	+0.000
0615	22.41	25.43	27.92	29.94	29.41	16.42	24.47	21.70	25.06	-18.30	+0.000
0630	22.41	25.43	27.92	29.91	29.29	16.31	24.47	21.70	25.06	-18.41	+0.000
0645	22.41	25.43	27.93	29.87	29.17	16.23	24.47	21.70	25.06	-18.11	+0.000
0700	22.41	25.43	27.93	29.83	29.05	16.16	24.47	21.71	25.07	-18.11	+0.000
0715	22.41	25.43	27.94	29.84	28.94	16.06	24.47	21.71	25.07	-18.11	+0.000
0730	22.41	25.43	27.94	29.74	28.82	16.52	24.47	21.71	25.07	-18.72	+0.000
0745	22.41	25.43	27.95	29.70	28.71	17.68	24.47	21.71	25.07	-20.42	+0.000
0800	22.42	25.43	27.95	29.66	28.59	19.16	24.48	21.71	25.07	-20.92	+0.000
0815	22.42	25.43	27.96	29.62	28.48	20.87	24.48	21.71	25.07	-22.36	+0.000
0830	22.42	25.43	27.97	29.57	28.38	22.75	24.48	21.71	25.07	-22.19	+0.000
0845	22.42	25.43	27.97	29.53	28.28	24.76	24.48	21.71	25.08	-22.71	+0.000
0900	22.42	25.43	27.98	29.48	28.19	26.78	24.48	21.71	25.08	-23.14	+0.000
0915	22.42	25.44	27.98	29.43	28.10	28.92	24.48	21.71	25.08	-23.79	+0.000
0930	22.42	25.44	27.98	29.39	28.03	31.13	24.48	21.71	25.08	-24.39	+0.000
0945	22.42	25.44	27.99	29.30	27.95	33.52	24.48	21.71	25.09	-25.20	+0.000
1000	22.42	25.44	27.99	29.30	27.95	35.66	24.48	21.72	25.09	-25.55	+0.000
1015	22.42	25.44	27.99	29.25	27.93	36.05	24.48	21.72	25.09	-24.82	+0.000
1030	22.42	25.44	27.99	29.21	27.94	34.52	24.48	21.72	25.10	-25.48	+0.000
1045	22.42	25.44	28.00	29.16	27.96	37.40	24.49	21.72	25.11	-27.50	+0.000
1100	22.42	25.44	28.00	29.12	28.09	41.11	24.49	21.72	25.11	-28.25	+0.000
1115	22.42	25.44	28.00	29.08	28.06	43.64	24.49	21.72	25.11	-28.24	+0.000
1130	22.42	25.44	28.00	29.04	28.14	45.74	24.49	21.72	25.11	-28.81	+0.000
1145	22.42	25.44	28.00	29.00	28.24	47.21	24.49	21.72	25.11	-29.43	+0.000
1200	22.43	25.45	28.00	28.96	28.35	48.02	24.49	21.72	25.11	-29.48	+0.000
1215	22.42	25.45	28.00	28.92	28.44	49.49	24.49	21.72	25.11	-30.48	+0.000
1230	22.43	25.45	28.00	28.89	28.63	50.42	24.49	21.72	25.13	-31.15	+0.000
1245	22.43	25.45	28.00	28.86	28.80	50.29	24.49	21.72	25.13	-31.48	+0.000
1300	22.43	25.45	27.99	28.84	28.99	50.28	24.49	21.72	25.13	-31.39	+0.000
1315	22.43	25.45	27.99	28.81	29.19	50.50	24.50	21.72	25.13	-31.86	+0.000
1330	22.43	25.45	27.99	28.79	29.40	50.77	24.50	21.72	25.13	-31.72	+0.000
1345	22.43	25.45	27.99	28.78	29.63	51.26	24.50	21.72	25.14	-31.77	+0.000
1415	22.43	25.45	27.99	28.77	29.86	51.51	24.50	21.72	25.14	-31.84	+0.000
1430	22.43	25.45	27.99	28.76	30.09	51.83	24.50	21.72	25.14	-31.94	+0.000
1445	22.43	25.46	27.98	28.76	30.33	52.28	24.50	21.72	25.14	-32.09	+0.000
1500	22.43	25.46	27.98	28.76	30.56	52.18	24.50	21.72	25.14	-32.14	+0.000
1515	22.43	25.46	27.97	28.78	31.03	53.18	24.50	21.73	25.15	-32.12	+0.000
1530	22.43	25.46	27.97	28.79	31.26	51.99	24.50	21.73	25.15	-31.81	+0.000
1545	22.43	25.46	27.97	28.81	31.49	52.00	24.51	21.73	25.15	-31.98	+0.000
1600	22.43	25.46	27.96	28.84	31.71	51.31	24.51	21.73	25.15	-31.92	+0.000
1615	22.43	25.46	27.96	28.86	31.93	50.52	24.51	21.73	25.16	-31.92	+0.000
1630	22.44	25.47	27.95	28.89	32.14	49.71	24.51	21.73	25.16	-31.15	+0.000
1645	22.44	25.47	27.95	28.93	32.34	48.84	24.51	21.74	25.16	-31.15	+0.000
1700	22.44	25.47	27.94	28.96	32.53	48.50	24.52	21.74	25.17	-30.99	+0.000
1715	22.44	25.47	27.94	29.00	32.71	48.08	24.52	21.74	25.17	-30.49	+0.000
1730	22.44	25.47	27.94	29.04	32.88	46.03	24.52	21.74	25.17	-29.83	+0.000
1745	22.44	25.47	27.93	29.09	33.04	44.80	24.52	21.74	25.17	-29.65	+0.000
1800	22.44	25.47	27.93	29.14	33.18	43.61	24.52	21.74	25.18	-29.51	+0.000
1815	22.44	25.48	27.92	29.18	33.31	42.39	24.52	21.74	25.18	-28.92	+0.000
1830	22.44	25.48	27.92	29.23	33.43	40.94	24.52	21.74	25.18	-28.47	+0.000
1845	22.44	25.48	27.92	29.29	33.52	39.36	24.53	21.74	25.19	-28.03	+0.000
1900	22.44	25.48	27.91	29.34	33.60	37.90	24.53	21.75	25.19	-27.50	+0.000
1915	22.44	25.48	27.91	29.39	33.66	36.39	24.53	21.75	25.19	-27.03	+0.000
1930	22.44	25.48	27.90	29.45	33.71	34.43	24.53	21.75	25.20	-26.17	+0.000

Time	1.0m 1.75m 1.75m										
	1.75m Soil	1.0m Soil	.50m Soil	.25m Soil	.125m Soil	Surf. Soil	PVC	PVC	PVC	Air Precip	
1945	22.44	25.49	27.90	29.50	33.74	32.31	24.53	21.75	25.20	-25.19	+0.000
2000	22.45	25.49	27.90	29.55	33.75	30.67	24.53	21.74	25.20	-24.54	+0.000
2015	22.45	25.49	27.89	29.61	33.74	29.31	24.53	21.74	25.21	-24.03	+0.000
2030	22.45	25.49	27.89	29.66	33.72	28.08	24.54	21.74	25.21	-23.50	+0.000
2045	22.45	25.49	27.89	29.71	33.67	26.05	24.54	21.75	25.22	-22.93	+0.000
2100	22.45	25.50	27.88	29.80	33.54	25.30	24.54	21.75	25.22	-22.23	+0.000
2115	22.45	25.50	27.88	29.84	33.45	24.66	24.54	21.75	25.22	-22.00	+0.000
2145	22.45	25.50	27.88	29.88	33.35	24.08	24.55	21.75	25.22	-21.47	+0.000
2200	22.45	25.50	27.88	29.92	33.11	23.50	24.55	21.75	25.23	-21.05	+0.000
2215	22.45	25.50	27.88	29.95	32.91	22.91	24.55	21.75	25.23	-20.55	+0.000
2230	22.45	25.50	27.88	29.98	32.97	22.38	24.55	21.75	25.23	-20.28	+0.000
2245	22.45	25.50	27.88	30.01	32.84	21.91	24.55	21.75	25.23	-20.28	+0.000
2300	22.45	25.51	27.88	30.04	32.69	21.61	24.55	21.75	25.23	-20.68	+0.000
2315	22.45	25.51	27.88	30.06	32.55	21.35	24.55	21.75	25.23	-20.61	+0.000
2330	22.46	25.51	27.89	30.08	32.41	21.04	24.55	21.75	25.23	-20.61	+0.000
2345	22.46	25.51	27.89	30.09	32.24	20.73	24.55	21.75	25.24	-20.47	+0.000
0000	22.46	25.51	27.89	30.10	32.08	20.43	24.55	21.75	25.24	-20.36	+0.000
0015	22.46	25.52	27.90	30.11	31.93	20.20	24.56	21.76	25.24	-20.17	+0.000
0030	22.46	25.52	27.90	30.11	31.77	19.99	24.56	21.76	25.25	-20.07	+0.000
0045	22.46	25.52	27.90	30.11	31.61	19.82	24.56	21.76	25.25	-20.40	+0.000
0100	22.46	25.52	27.90	30.11	31.46	19.79	24.56	21.76	25.26	-20.59	+0.000
0115	22.46	25.52	27.91	30.11	31.31	19.71	24.56	21.76	25.26	-20.33	+0.000
0130	22.46	25.52	27.91	30.10	31.16	19.48	24.56	21.76	25.26	-19.83	+0.000
0145	22.46	25.52	27.92	30.09	31.01	19.18	24.57	21.77	25.26	-19.77	+0.000
0200	22.46	25.52	27.92	30.08	30.86	18.95	24.57	21.77	25.27	-19.66	+0.000
0215	22.46	25.53	27.93	30.07	30.71	18.89	24.57	21.77	25.27	-19.40	+0.000
0230	22.46	25.53	27.93	30.05	30.57	18.79	24.57	21.77	25.27	-19.40	+0.000
0245	22.46	25.53	27.94	30.03	30.43	18.40	24.57	21.77	25.27	-18.24	+0.000
0300	22.46	25.53	27.94	30.01	30.29	17.77	24.57	21.77	25.28	-17.87	+0.000
0315	22.47	25.53	27.94	29.98	30.16	17.34	24.57	21.77	25.28	-17.45	+0.000
0330	22.47	25.53	27.95	29.96	30.03	16.92	24.57	21.77	25.28	-17.25	+0.000
0345	22.47	25.54	27.96	29.93	29.89	16.51	24.58	21.78	25.29	-17.12	+0.000
0400	22.47	25.54	27.96	29.90	29.76	16.12	24.58	21.78	25.29	-17.24	+0.000
0415	22.47	25.54	27.97	29.87	29.63	15.76	24.58	21.78	25.30	-17.11	+0.000
0430	22.47	25.54	27.97	29.84	29.50	15.60	24.58	21.78	25.30	-17.05	+0.000
0445	22.47	25.54	27.97	29.81	29.38	15.41	24.58	21.78	25.30	-17.00	+0.000
0500	22.47	25.54	27.98	29.74	29.12	14.87	24.59	21.78	25.31	-16.73	+0.000
0515	22.47	25.55	27.99	29.70	28.99	14.60	24.59	21.78	25.31	-16.45	+0.000
0530	22.47	25.55	27.99	29.67	28.87	14.46	24.59	21.78	25.31	-16.96	+0.000
0545	22.47	25.55	27.99	29.63	28.74	14.29	24.59	21.79	25.31	-16.46	+0.000
0600	22.48	25.55	27.99	29.59	28.61	14.00	24.59	21.79	25.31	-15.90	+0.000
0615	22.48	25.55	28.00	29.55	28.49						

Time	1.0m 1.75m 1.75m										Air Precip
	1.75m 1.0m .50m .25m .125m Surf.PVC					PVC			PVC		
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m		1.0m	
D 0930	+22.48	+25.56	+28.04	+29.01	+27.18	+29.77	+24.60	+21.79	+25.35	+22.97	+0.000
D 0945	+22.48	+25.56	+28.04	+28.96	+27.13	+31.83	+24.60	+21.79	+25.36	+23.80	+0.000
D 1000	+22.48	+25.56	+28.04	+28.91	+27.09	+34.19	+24.60	+21.79	+25.36	+24.17	+0.000
D 1015	+22.48	+25.56	+28.04	+28.86	+27.07	+36.50	+24.61	+21.79	+25.37	+24.89	+0.000
D 1030	+22.49	+25.56	+28.04	+28.82	+27.08	+38.85	+24.61	+21.79	+25.37	+25.63	+0.000
D 1045	+22.49	+25.56	+28.04	+28.77	+27.11	+40.83	+24.61	+21.79	+25.37	+25.49	+0.000
D 1100	+22.49	+25.57	+28.04	+28.73	+27.16	+42.58	+24.61	+21.79	+25.37	+25.99	+0.000
D 1115	+22.49	+25.57	+28.04	+28.68	+27.23	+44.45	+24.61	+21.79	+25.38	+26.34	+0.000
D 1130	+22.49	+25.57	+28.04	+28.64	+27.33	+46.15	+24.61	+21.80	+25.38	+26.60	+0.000
D 1145	+22.49	+25.57	+28.04	+28.60	+27.43	+47.68	+24.61	+21.80	+25.39	+27.13	+0.000
D 1200	+22.49	+25.57	+28.03	+28.56	+27.58	+48.72	+24.61	+21.80	+25.39	+27.34	+0.000
D 1215	+22.49	+25.57	+28.03	+28.52	+27.74	+50.08	+24.61	+21.80	+25.39	+28.00	+0.000
D 1230	+22.49	+25.57	+28.03	+28.49	+27.92	+50.91	+24.61	+21.80	+25.39	+28.25	+0.000
D 1245	+22.49	+25.57	+28.03	+28.46	+28.12	+52.53	+24.62	+21.80	+25.39	+28.61	+0.000
D 1300	+22.49	+25.57	+28.04	+28.41	+28.34	+53.44	+24.62	+21.80	+25.40	+28.75	+0.000
D 1315	+22.49	+25.57	+28.02	+28.47	+28.56	+54.18	+24.62	+21.80	+25.40	+29.81	+0.000
D 1330	+22.49	+25.57	+28.01	+28.39	+28.80	+54.75	+24.62	+21.80	+25.41	+30.85	+0.000
D 1345	+22.49	+25.57	+28.01	+28.38	+29.06	+54.87	+24.62	+21.80	+25.41	+31.26	+0.000
D 1400	+22.49	+25.57	+28.00	+28.37	+29.32	+54.92	+24.62	+21.80	+25.41	+31.69	+0.000
D 1415	+22.49	+25.58	+28.00	+28.36	+29.59	+54.55	+24.62	+21.80	+25.41	+31.74	+0.000
D 1430	+22.49	+25.58	+28.00	+28.36	+29.87	+54.77	+24.62	+21.80	+25.42	+32.01	+0.000
D 1445	+22.50	+25.58	+27.99	+28.37	+30.15	+54.54	+24.62	+21.80	+25.42	+32.39	+0.000
D 1500	+22.49	+25.58	+27.99	+28.38	+30.43	+54.38	+24.63	+21.80	+25.42	+32.35	+0.000
D 1515	+22.50	+25.58	+27.98	+28.39	+30.70	+54.32	+24.63	+21.81	+25.43	+32.43	+0.000
D 1530	+22.50	+25.58	+27.98	+28.41	+30.98	+54.18	+24.63	+21.81	+25.43	+32.43	+0.000
D 1545	+22.50	+25.58	+27.97	+28.43	+31.24	+53.58	+24.63	+21.81	+25.44	+32.27	+0.000
D 1600	+22.50	+25.58	+27.96	+28.46	+31.50	+53.24	+24.63	+21.81	+25.44	+32.00	+0.000
D 1615	+22.50	+25.59	+27.96	+28.49	+31.75	+52.55	+24.63	+21.81	+25.45	+31.69	+0.000
D 1630	+22.50	+25.59	+27.95	+28.53	+31.99	+51.63	+24.63	+21.81	+25.45	+31.30	+0.000
D 1645	+22.50	+25.59	+27.94	+28.57	+32.22	+50.63	+24.64	+21.81	+25.45	+31.30	+0.000
D 1700	+22.50	+25.59	+27.94	+28.61	+32.44	+49.85	+24.64	+21.81	+25.45	+31.77	+0.000
D 1715	+22.50	+25.59	+27.93	+28.66	+32.65	+48.92	+24.64	+21.81	+25.46	+31.31	+0.000
D 1730	+22.50	+25.59	+27.93	+28.71	+32.84	+47.85	+24.64	+21.81	+25.46	+31.31	+0.000
D 1745	+22.50	+25.59	+27.92	+28.76	+33.02	+46.60	+24.64	+21.82	+25.46	+30.84	+0.000
D 1800	+22.50	+25.59	+27.92	+28.82	+33.18	+45.22	+24.64	+21.82	+25.46	+30.28	+0.000
D 1815	+22.50	+25.60	+27.91	+28.88	+33.32	+43.74	+24.64	+21.82	+25.47	+29.84	+0.000
D 1830	+22.50	+25.60	+27.90	+28.94	+33.45	+42.14	+24.64	+21.82	+25.47	+29.46	+0.000
D 1845	+22.50	+25.60	+27.90	+28.99	+33.56	+40.44	+24.65	+21.82	+25.47	+28.90	+0.000
D 1900	+22.51	+25.60	+27.89	+29.06	+33.65	+38.71	+24.65	+21.82	+25.48	+28.32	+0.000
D 1915	+22.51	+25.60	+27.88	+29.12	+33.73	+36.99	+24.65	+21.82	+25.48	+27.81	+0.000
D 1930	+22.51	+25.60	+27.88	+29.18	+33.78	+34.88	+24.65	+21.82	+25.48	+26.91	+0.000
D 1945	+22.51	+25.61	+27.87	+29.24	+33.82	+32.68	+24.65	+21.83	+25.49	+25.77	+0.000
D 2000	+22.51	+25.61	+27.87	+29.30	+33.83	+30.94	+24.65	+21.83	+25.50	+25.06	+0.000
D 2015	+22.51	+25.61	+27.87	+29.36	+33.83	+29.55	+24.65	+21.83	+25.50	+24.39	+0.000
D 2030	+22.51	+25.61	+27.86	+29.42	+33.81	+28.42	+24.65	+21.83	+25.50	+23.68	+0.000
D 2045	+22.52	+25.61	+27.86	+29.48	+33.77	+27.52	+24.66	+21.83	+25.51	+23.11	+0.000
D 2100	+22.52	+25.61	+27.86	+29.54	+33.70	+26.69	+24.66	+21.83	+25.51	+22.54	+0.000
D 2115	+22.52	+25.61	+27.85	+29.59	+33.63	+25.92	+24.66	+21.83	+25.52	+22.05	+0.000
D 2130	+22.52	+25.62	+27.85	+29.64	+33.54	+25.22	+24.66	+21.83	+25.52	+21.72	+0.000
D 2145	+22.52	+25.62	+27.85	+29.69	+33.43	+24.66	+24.66	+21.84	+25.53	+21.89	+0.000
D 2200	+22.52	+25.62	+27.85	+29.73	+33.31	+24.04	+24.67	+21.84	+25.53	+20.87	+0.000
D 2215	+22.52	+25.62	+27.85	+29.77	+33.18	+23.46	+24.67	+21.84	+25.53	+20.61	+0.000
D 2230	+22.52	+25.62	+27.85	+29.81	+33.04	+22.81	+24.67	+21.84	+25.53	+20.61	+0.000
D 2245	+22.52	+25.63	+27.85	+29.84	+32.90	+22.29	+24.67	+21.84	+25.54	+20.20	+0.000
D 2300	+22.52	+25.63	+27.85	+29.87	+32.76	+21.69	+24.67	+21.84	+25.54	+20.20	+0.000
D 2315	+22.53	+25.63	+27.85	+29.90	+32.61	+21.32	+24.67	+21.84	+25.54	+20.08	+0.000

Time	1.0m 1.75m 1.75m										Air Precip
	1.75m 1.0m .50m .25m .125m Surf.PVC					PVC			PVC		
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m		1.0m	
D 1330	+22.53	+25.63	+27.85	+29.92	+32.45	+20.97	+24.67	+21.84	+25.54	+19.81	+0.000
D 1345	+22.53	+25.63	+27.85	+29.94	+32.30	+20.51	+24.67	+21.84	+25.54	+19.11	+0.000
D 0000	+22.53	+25.63	+27.86	+29.96	+32.14	+20.15	+24.67	+21.84	+25.55	+19.04	+0.000
D 0015	+22.53	+25.63	+27.86	+29.97	+31.98	+19.81	+24.67	+21.84	+25.55	+18.56	+0.000
D 0030	+22.53	+25.63	+27.86	+29.98	+31.82	+19.39	+24.67	+21.85	+25.55	+18.47	+0.000
D 0045	+22.53	+25.63	+27.86	+29.98	+31.66	+19.06	+24.67	+21.85	+25.56	+18.42	+0.000
D 0100	+22.53	+25.64	+27.87	+29.99	+31.50	+18.76	+24.68	+21.85	+25.56	+18.01	+0.000
D 0115	+22.53	+25.64	+27.87	+29.98	+31.34	+18.50	+24.68	+21.85	+25.56	+17.64	+0.000
D 0130	+22.53	+25.64	+27.87	+29.98	+31.18	+18.24	+24.68	+21.85	+25.56	+17.45	+0.000
D 0145	+22.54	+25.64	+27.88	+29.98	+31.02	+17.95	+24.68	+21.85	+25.57	+17.48	+0.000
D 0200	+22.53	+25.64	+27.88	+29.97	+30.87	+17.64	+24.68	+21.85	+25.57	+16.62	+0.000
D 0215	+22.54	+25.64	+27.89	+29.96	+30.71	+17.08	+24.68	+21.85	+25.57	+15.60	+0.000
D 0230	+22.55	+25.64	+27.89	+29.94	+30.56	+16.63	+24.68	+21.85	+25.58	+15.08	+0.000
D 0245	+22.54	+25.65	+27.90	+29.93	+30.41	+16.34	+24.68	+21.86	+25.58	+16.25	+0.000
D 0300	+22.54	+25.65	+27.90	+29.90	+30.26	+16.13	+24.69	+21.86	+25.59	+16.50	+0.000
D 0315	+22.55	+25.65	+27.91	+29.88	+30.11	+15.86	+24.69	+21.86	+25.59	+16.70	+0.000
D 0330	+22.54	+25.65	+27.91	+29.86	+29.96	+15.63	+24.69	+21.86	+25.60	+16.57	+0.000
D 0345	+22.54	+25.65	+27.92	+29.83	+29.81	+15.48	+24.69	+21.86	+25.61	+16.26	+0.000
D 0400	+22.54	+25.65	+27.92	+29.81	+29.66	+15.33	+24.70	+21.86	+25.61	+15.99	+0.000
D 0415	+22.54	+25.65	+27.93	+29.78	+29.52	+15.13	+24.69	+21.86	+25.61	+15.69	+0.000
D 0430	+22.54	+25.65	+27.93	+29.75	+29.37	+14.89	+24.69	+21.86	+25.61	+15.29	+0.000
D 0445	+22.54	+25.65	+27.94	+29.71	+29.23	+14.61	+24.69	+21.86	+25.62	+15.75	+0.000
D 0500	+22.54	+25.65	+27.94	+29.68	+29.09	+14.37	+24.69	+21.86	+25.62	+15.83	+0.000
D 0515	+22.54	+25.65	+27.95	+29.65	+28.95	+14.20	+24.69	+21.86	+25.62	+15.68	+0.000
D 0530	+22.54	+25.66	+27.95	+29.61	+28.82	+14.05	+24.69	+21.87	+25.63	+15.08	+0.000
D 0545	+22.53	+25.66	+27.96	+29.57	+28.68	+13.87	+24.69	+21.87	+25.63	+15.13	+0.000
D 0600	+22.53	+25.66	+27.96	+29.54	+28.55	+13.56	+24.70	+21.87	+25.64	+14.70	+0.000
D 0615	+22.54	+25.66	+27.97	+29.49	+28.42	+13.28	+24.70	+21.87	+25.64	+14.36	+0.000
D 0630	+22.55	+25.66	+27.97	+29.45	+28.29	+13.22	+24.70	+21.87	+25.64	+14.96	+0.000
D 0645	+22.55	+25.66	+27.98	+29.41	+28.16	+13.17	+24.70	+21.87	+25.64	+14.55	+0.000
D 0700	+22.55	+25.66	+27.98	+29.37	+28.03	+13.19	+24.70	+21.87	+25.65	+14.82	+0.000
D 0715	+22.55	+25.66	+27.98	+29.33	+27.91	+13.35	+24.70	+21.87	+25.66	+15.58	+0.000
D 0730	+22.55	+25.66	+27.99	+29.28	+27.78	+13.83	+24.70	+21.87	+25.66	+17.05	+0.000
D 0745	+22.55	+25.66	+27.99	+29.23	+27.66	+15.16	+24.70	+21.87	+25.67	+17.00	+0.000
D 0800	+22.55	+25.66	+27.99	+29.18	+27.54	+16.74	+24.70	+21.88	+25.68	+17.30	+0.000
D 0815	+22.55	+25.66	+27.99	+29.14	+27.42	+18.49	+24.70	+21.87	+25.66	+18.41	+0.000
D 0830	+22.55	+25.67	+28.00	+29.09	+27.31	+20.45	+24.70	+21.88	+25.67	+19.47	+0.000
D 0845	+22.55	+25.67	+28.00	+29.04	+27.20	+22.47	+24.71	+21.88	+25.67	+19.51	+0.000
D 0900	+22.55	+25.67	+28.01	+28.99	+27.11	+24.30	+24.71	+21			

Time	1.75m					1.0m					1.75m					Surf. PVC	PVC	PVC	Air Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil				
D 1315	22.56	25.68	28.00	28.28	28.26	51.70	34.72	21.89	25.78	30.14	0.000								
D 1330	22.56	25.68	27.99	28.26	28.49	51.95	34.72	21.89	25.79	30.58	0.000								
D 1345	22.56	25.68	27.99	28.23	28.98	53.16	34.72	21.89	25.80	31.13	0.000								
D 1400	22.56	25.68	27.98	28.22	29.22	53.45	34.72	21.89	25.81	32.23	0.000								
D 1415	22.56	25.68	27.97	28.22	29.48	53.64	34.72	21.89	25.82	32.77	0.000								
D 1430	22.56	25.68	27.97	28.22	29.74	54.84	34.72	21.89	25.82	32.77	0.000								
D 1445	22.56	25.68	27.96	28.21	30.00	54.15	34.72	21.89	25.83	32.23	0.000								
D 1500	22.57	25.68	27.96	28.24	30.27	53.93	34.72	21.89	25.83	32.19	0.000								
D 1515	22.57	25.68	27.95	28.26	30.53	53.80	34.72	21.89	25.83	32.48	0.000								
D 1530	22.57	25.68	27.95	28.28	30.79	53.35	34.73	21.89	25.83	31.82	0.000								
D 1545	22.57	25.68	27.94	28.30	31.04	52.85	34.73	21.89	25.84	31.90	0.000								
D 1600	22.57	25.69	27.93	28.37	31.51	51.53	34.76	21.96	25.84	32.02	0.000								
D 1615	22.57	25.69	27.92	28.40	31.73	50.96	34.76	21.95	25.85	31.93	0.000								
D 1700	22.57	25.69	27.92	28.44	31.94	50.02	34.76	21.93	25.86	31.29	0.000								
D 1715	22.57	25.69	27.91	28.49	32.14	48.63	34.75	21.92	25.86	30.95	0.000								
D 1730	22.57	25.69	27.91	28.53	32.33	47.32	34.75	21.91	25.86	31.99	0.000								
D 1745	22.57	25.69	27.90	28.58	32.50	45.93	34.74	21.91	25.87	29.98	0.000								
D 1800	22.57	25.69	27.89	28.63	32.66	44.42	34.74	21.91	25.87	29.48	0.000								
D 1815	22.57	25.69	27.89	28.69	32.80	42.84	34.74	21.91	25.88	29.05	0.000								
D 1830	22.57	25.69	27.88	28.74	32.92	41.18	34.74	21.91	25.88	28.33	0.000								
D 1845	22.57	25.69	27.87	28.80	33.03	39.37	34.74	21.91	25.89	27.84	0.000								
D 1900	22.57	25.70	27.86	28.85	33.12	37.48	34.74	21.91	25.90	27.23	0.000								
D 1915	22.57	25.70	27.86	28.91	33.19	35.73	34.74	21.91	25.90	26.46	0.000								
D 1930	22.57	25.70	27.86	28.97	33.25	33.55	34.74	21.91	25.91	25.73	0.000								
D 1945	22.58	25.70	27.85	29.03	33.28	31.49	34.74	21.91	25.91	24.58	0.000								
D 2000	22.58	25.70	27.85	29.09	33.30	29.78	34.75	21.91	25.91	23.80	0.000								
D 2015	22.58	25.70	27.84	29.15	33.29	28.28	34.75	21.91	25.92	23.06	0.000								
D 2030	22.58	25.70	27.84	29.20	33.27	26.98	34.75	21.92	25.92	22.55	0.000								
D 2045	22.58	25.71	27.84	29.26	33.23	25.84	34.75	21.92	25.93	21.93	0.000								
D 2100	22.59	25.71	27.83	29.31	33.17	24.86	34.75	21.92	25.94	21.63	0.000								
D 2115	22.59	25.71	27.83	29.36	33.09	23.94	34.75	21.92	25.94	21.51	0.000								
D 2130	22.59	25.71	27.83	29.41	33.00	23.07	34.75	21.92	25.95	21.61	0.000								
D 2145	22.59	25.71	27.82	29.45	32.89	22.35	34.75	21.92	25.95	20.73	0.000								
D 2200	22.59	25.71	27.82	29.49	32.77	21.90	34.75	21.92	25.96	20.95	0.000								
D 2215	22.59	25.71	27.82	29.53	32.65	21.59	34.75	21.92	25.96	20.89	0.000								
D 2230	22.59	25.71	27.82	29.57	32.55	21.17	34.75	21.92	25.96	20.57	0.000								
D 2245	22.59	25.71	27.82	29.60	32.37	20.70	34.75	21.92	25.96	20.19	0.000								
D 2300	22.59	25.72	27.82	29.63	32.22	20.10	34.76	21.92	25.97	19.96	0.000								
D 2315	22.59	25.72	27.82	29.65	32.07	19.46	34.76	21.93	25.97	20.13	0.000								
D 2330	22.59	25.72	27.82	29.67	31.91	19.02	34.76	21.93	25.98	20.19	0.000								
D 2345	22.59	25.72	27.82	29.69	31.75	18.61	34.76	21.93	25.98	19.72	0.000								
D 0000	22.59	25.72	27.82	29.71	31.59	18.19	34.76	21.93	25.99	19.60	0.000								
* 87 225																			
D 0015	22.59	25.72	27.82	29.72	31.43	17.84	34.76	21.93	25.99	19.77	0.000								
D 0030	22.59	25.72	27.83	29.72	31.27	17.44	34.76	21.93	26.00	19.15	0.000								
D 0045	22.59	25.72	27.83	29.73	31.11	17.01	34.76	21.93	26.00	18.10	0.000								
D 0100	22.59	25.72	27.83	29.73	30.95	16.60	34.77	21.94	26.01	17.61	0.000								
D 0115	22.59	25.72	27.84	29.73	30.79	16.45	34.77	21.94	26.01	17.77	0.000								
D 0130	22.59	25.72	27.84	29.72	30.63	16.01	34.77	21.94	26.02	16.99	0.000								
D 0145	22.60	25.73	27.84	29.71	30.47	15.60	34.77	21.94	26.02	16.50	0.000								
D 0200	22.60	25.73	27.85	29.70	30.33	15.27	34.77	21.94	26.02	16.88	0.000								
D 0215	22.60	25.73	27.85	29.69	30.15	14.96	34.77	21.94	26.02	16.77	0.000								
D 0230	22.60	25.73	27.85	29.67	29.99	14.70	34.77	21.94	26.04	16.97	0.000								
D 0245	22.60	25.73	27.86	29.65	29.84	14.36	34.77	21.94	26.04	16.39	0.000								

Time	1.75m					1.0m					1.75m					Surf. PVC	PVC	PVC	Air Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil					
D 0300	22.60	25.73	27.86	29.63	29.68	14.08	34.77	21.94	26.05	16.30	0.000								
D 0315	22.60	25.73	27.87	29.63	29.53	14.21	34.77	21.94	26.05	16.91	0.000								
D 0330	22.60	25.73	27.87	29.58	29.38	14.13	34.78	21.95	26.06	15.51	0.000								
D 0345	22.60	25.73	27.88	29.56	29.23	13.59	34.78	21.95	26.06	15.12	0.000								
D 0400	22.60	25.74	27.88	29.52	29.08	13.31	34.78	21.95	26.06	14.92	0.000								
D 0415	22.60	25.74	27.89	29.49	28.93	13.19	34.78	21.95	26.07	14.66	0.000								
D 0430	22.60	25.74	27.89	29.46	28.79	12.86	34.78	21.95	26.07	14.25	0.000								
D 0445	22.60	25.74	27.90	29.43	28.64	12.55	34.78	21.95	26.08	14.83	0.000								
D 0500	22.60	25.74	27.90	29.39	28.50	12.25	34.78	21.95	26.09	13.70	0.000								
D 0515	22.61	25.74	27.90	29.36	28.36	11.88	34.78	21.95	26.09	13.10	0.000								
D 0530	22.61	25.74	27.91	29.32	28.22	11.58	34.79	21.95	26.11	12.87	0.000								
D 0545	22.61	25.74	27.91	29.28	28.08	11.26	34.79	21.95	26.11	12.87	0.000								
D 0600	22.61	25.74	27.91	29.24	27.95	10.92	34.79	21.96	26.13	11.94	0.000								
D 0615	22.61	25.74	27.92	29.19	27.81	11.05	34.79	21.96	26.13	12.18	0.000								
D 0630	22.61	25.74	27.92	29.15	27.68	11.13	34.79	21.96	26.14	13.58	0.000								
D 0645	22.61	25.74	27.92	29.11	27.55	11.01	34.79	21.96	26.14	13.82	0.000								
D 0700	22.61	25.75	27.93	29.06	27.42	10.96	34.79	21.96	26.15	12.97	0.000								
D 0715	22.61	25.75	27.93	29.01	27.28	10.99	34.79	21.96	26.15	14.01	0.000								
D 0730	22.61	25.75	27.93	28.97	27.15	11.56	34.79	21.96	26.15	15.77	0.000								
D 0745	22.61	25.75	27.94	28.92	27.03	13.06	34.79	21.96	26.15	17.22	0.000								
D 0800	22.61	25.75	27.94	28.87	26.90	14.90	34.79	21.96	26.14	17.35	0.000								
D 0815	22.61	25.75	27.94	28.82	26.78	16.87	34.79	21.96	26.14	17.48	0.000								
D 0830	22.61	25.75	27.95	28.77	26.66	18.89	34.79	21.96	26.13	17.92	0.000								
D 0845	22.61	25.74	27.95	28.72	26.55	20.99	34.79	21.96	26.14	18.07	0.000								
D 0900	22.61	25.74	27.95	28.67	26.45	23.16	34.79	21.96	26.14	19.99	0.000								
D 0915	22.61	25.75	27.95	28.62	26.36	25.42	34.79	21.96	26.14	21.03	0.000								
D 0930	22.62	25.75	27.95	28.57	26.29	27.73	34.80	21.96	26.14	21.91	0.000								
D 0945	22.61	25.74	27.95	28.51	26.22	30.13	34.79	21.96	26.15	21.99	0.000								
D 1000	22.61	25.74	27.95	28.46	26.18	32.43	34.79	21.96	26.15	22.78	0.000								
D 1015	22.62	25.75	27.95	28.41	26.16	34.04	34.79	21.96	26.16	24.51	0.000								
D 1030	22.62	25.75	27.95	28.36	26.16	34.95	34.79	21.96	26.16	25.05	0.000								
D 1045	22.62	25.75	27.95	28.30	26.18	36.10	34.79	21.96	26.17	25.96	0.000								
D 1100	22.62	25.74	27.95	28.25	26.22	37.72	34.79	21.97	26.18	26.04	0.000								
D 1115	22.62	25.75	27.95	28.21	26.28	39.08	34.79	21.97	26.18	26.07	0.000								
D 1130	22.62	25.75	27.95	28.16	26.26	40.66	34.80	21.97	26.18	25.91	0.000								
D 1145	22.62	25.75	27.95	28.12	26.46	42.47	34.80	21.97	26.18	28.88	0.000								
D 1200	22.62	25.75	27.94	28.07	26.50	44.62	34.79	21.97	26.19	32.09	0.000								
D 1215	22.62	25.75	27.94	28.03	26.70	44.98	34.80	21.97	26.20	31.02	0.000								
D 1230	22.62	25.75	27.94	27.99	26.85	45.41	34.80	21.97	26.20	31.84	0.000								
D 1245	22.62	25.75	27.93	27.96	27.00	46.52	34.80	21.97	26.20	32.31	0.000								
D 1300	22.62	25.75	27.93	27.92	27.17	47.53	34.79	21.97	26.20	31.93	0.000								
* 87 2																			

Time	Soil					Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	1.0m	1.75m	1.0m				
1645	-22.63	-25.76	-27.83	-27.90	-29.90	-43.51	-24.80	-21.98	-26.27	+26.55	+12.02	+0.000	+0.000
1700	-22.63	-25.76	-27.83	-27.92	-30.07	-42.29	-24.81	-21.98	-26.27	+26.06	+12.20	+0.000	+0.000
1715	-22.63	-25.76	-27.83	-27.95	-30.24	-41.02	-24.81	-21.99	-26.28	+25.82	+12.29	+0.000	+0.000
1730	-22.63	-25.76	-27.81	-27.98	-30.40	-39.74	-24.81	-21.99	-26.28	+25.82	+12.47	+0.000	+0.000
1745	-22.64	-25.76	-27.80	-28.01	-30.55	-38.51	-24.81	-21.99	-26.28	+24.94	+12.69	+0.000	+0.000
1800	-22.64	-25.76	-27.79	-28.04	-30.68	-37.15	-24.81	-21.99	-26.29	+24.63	+12.78	+0.000	+0.000
1815	-22.64	-25.76	-27.79	-28.08	-30.80	-35.91	-24.81	-21.99	-26.29	+24.38	+12.87	+0.000	+0.000
1830	-22.64	-25.76	-27.79	-28.09	-30.80	-35.91	-24.81	-21.99	-26.30	+24.05	+12.99	+0.000	+0.000
1845	-22.64	-25.77	-27.77	-28.16	-31.00	-33.20	-24.81	-21.99	-26.30	+23.14	+13.31	+0.000	+0.000
1900	-22.64	-25.77	-27.76	-28.24	-31.14	-30.28	-24.82	-22.00	-26.31	+22.38	+13.62	+0.000	+0.000
1915	-22.64	-25.77	-27.76	-28.24	-31.14	-30.28	-24.82	-22.00	-26.31	+21.70	+13.92	+0.000	+0.000
1930	-22.64	-25.77	-27.75	-28.28	-31.19	-28.69	-24.82	-22.00	-26.32	+20.95	+14.22	+0.000	+0.000
1945	-22.64	-25.77	-27.74	-28.33	-31.22	-27.17	-24.82	-22.00	-26.32	+20.41	+14.49	+0.000	+0.000
2000	-22.64	-25.77	-27.74	-28.36	-31.23	-25.87	-24.82	-22.00	-26.32	+20.04	+14.67	+0.000	+0.000
2015	-22.64	-25.77	-27.73	-28.40	-31.23	-24.77	-24.82	-22.00	-26.32	+19.69	+14.89	+0.000	+0.000
2030	-22.64	-25.77	-27.72	-28.44	-31.20	-23.84	-24.82	-22.00	-26.32	+19.32	+15.22	+0.000	+0.000
2045	-22.64	-25.77	-27.71	-28.48	-31.16	-23.05	-24.82	-22.00	-26.32	+19.03	+15.39	+0.000	+0.000
2100	-22.64	-25.77	-27.71	-28.52	-31.11	-22.36	-24.82	-22.00	-26.32	+18.75	+15.50	+0.000	+0.000
2115	-22.65	-25.78	-27.70	-28.55	-31.05	-21.73	-24.82	-22.00	-26.32	+18.51	+15.48	+0.000	+0.000
2130	-22.65	-25.78	-27.70	-28.59	-30.97	-21.16	-24.82	-22.00	-26.34	+18.29	+15.35	+0.000	+0.000
2145	-22.65	-25.78	-27.70	-28.62	-30.87	-20.59	-24.83	-22.00	-26.34	+18.12	+15.29	+0.000	+0.000
2200	-22.65	-25.78	-27.69	-28.65	-30.77	-20.05	-24.83	-22.01	-26.35	+18.00	+15.27	+0.000	+0.000
2215	-22.65	-25.78	-27.69	-28.70	-30.66	-19.60	-24.83	-22.01	-26.35	+17.88	+15.29	+0.000	+0.000
2230	-22.65	-25.78	-27.69	-28.74	-30.55	-19.21	-24.83	-22.01	-26.35	+17.80	+15.32	+0.000	+0.000
2245	-22.65	-25.78	-27.68	-28.77	-30.43	-18.85	-24.83	-22.01	-26.36	+17.69	+15.35	+0.000	+0.000
2300	-22.65	-25.78	-27.68	-28.76	-30.30	-18.53	-24.83	-22.01	-26.36	+17.60	+15.35	+0.000	+0.000
2315	-22.65	-25.78	-27.68	-28.76	-30.17	-18.22	-24.83	-22.01	-26.37	+17.54	+15.32	+0.000	+0.000
2330	-22.65	-25.78	-27.68	-28.77	-30.04	-17.95	-24.83	-22.01	-26.37	+17.46	+15.44	+0.000	+0.000
2345	-22.65	-25.78	-27.68	-28.78	-29.90	-17.71	-24.83	-22.01	-26.37	+17.46	+15.44	+0.000	+0.000
0000	-22.66	-25.79	-27.67	-28.79	-29.77	-17.48	-24.83	-22.01	-26.38	+17.29	+15.61	+0.000	+0.000
87 226													
0015	-22.66	-25.79	-27.67	-28.79	-29.63	-17.24	-24.83	-22.01	-26.38	+16.65	+15.84	+0.000	+0.000
0030	-22.66	-25.79	-27.67	-28.79	-29.49	-16.88	-24.83	-22.01	-26.39	+16.04	+16.16	+0.000	+0.000
0045	-22.66	-25.79	-27.67	-28.79	-29.36	-16.58	-24.83	-22.02	-26.39	+15.90	+16.32	+0.000	+0.000
0100	-22.66	-25.79	-27.67	-28.78	-29.22	-16.32	-24.83	-22.02	-26.39	+15.73	+16.50	+0.000	+0.000
0115	-22.66	-25.79	-27.67	-28.78	-29.09	-16.07	-24.84	-22.02	-26.40	+15.41	+16.75	+0.000	+0.000
0130	-22.66	-25.79	-27.67	-28.78	-28.95	-15.79	-24.84	-22.02	-26.40	+15.08	+16.94	+0.000	+0.000
0145	-22.66	-25.79	-27.67	-28.75	-28.69	-15.49	-24.84	-22.02	-26.41	+14.83	+17.13	+0.000	+0.000
0200	-22.66	-25.79	-27.67	-28.72	-28.56	-15.11	-24.84	-22.02	-26.41	+14.51	+17.31	+0.000	+0.000
0215	-22.66	-25.79	-27.67	-28.71	-28.43	-14.44	-24.84	-22.02	-26.41	+14.17	+17.01	+0.000	+0.000
0230	-22.66	-25.79	-27.67	-28.68	-28.30	-14.08	-24.84	-22.02	-26.41	+13.88	+17.17	+0.000	+0.000
0245	-22.66	-25.79	-27.67	-28.68	-28.18	-13.77	-24.84	-22.02	-26.41	+13.69	+17.39	+0.000	+0.000
0300	-22.66	-25.79	-27.67	-28.68	-28.06	-13.47	-24.84	-22.02	-26.41	+13.49	+17.69	+0.000	+0.000
0315	-22.67	-25.79	-27.67	-28.66	-27.93	-13.36	-24.84	-22.02	-26.41	+13.39	+17.65	+0.000	+0.000
0330	-22.67	-25.79	-27.67	-28.64	-27.80	-13.07	-24.84	-22.02	-26.41	+13.24	+17.80	+0.000	+0.000
0345	-22.67	-25.80	-27.68	-28.62	-27.68	-12.79	-24.84	-22.02	-26.41	+13.09	+17.94	+0.000	+0.000
0400	-22.67	-25.80	-27.68	-28.59	-27.56	-12.52	-24.84	-22.02	-26.41	+12.94	+18.09	+0.000	+0.000
0415	-22.67	-25.80	-27.68	-28.56	-27.44	-12.26	-24.84	-22.02	-26.41	+12.79	+18.24	+0.000	+0.000
0430	-22.67	-25.80	-27.68	-28.53	-27.32	-12.00	-24.84	-22.02	-26.41	+12.64	+18.39	+0.000	+0.000
0445	-22.67	-25.80	-27.68	-28.50	-27.20	-11.74	-24.84	-22.02	-26.41	+12.49	+18.54	+0.000	+0.000
0500	-22.67	-25.80	-27.68	-28.47	-27.08	-11.48	-24.84	-22.02	-26.41	+12.34	+18.69	+0.000	+0.000
0515	-22.67	-25.80	-27.68	-28.43	-26.96	-11.22	-24.84	-22.02	-26.41	+12.19	+18.84	+0.000	+0.000
0530	-22.67	-25.80	-27.68	-28.40	-26.84	-10.96	-24.84	-22.02	-26.41	+12.04	+18.99	+0.000	+0.000
0545	-22.67	-25.80	-27.68	-28.37	-26.72	-10.70	-24.84	-22.02	-26.41	+11.89	+19.14	+0.000	+0.000
0600	-22.68	-25.80	-27.68	-28.33	-26.60	-10.44	-24.84	-22.02	-26.41	+11.74	+19.29	+0.000	+0.000
0615	-22.68	-25.80	-27.68	-28.30	-26.48	-10.18	-24.84	-22.02	-26.41	+11.59	+19.44	+0.000	+0.000

Time	Soil					Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	1.0m	1.75m	1.0m				
0630	+22.68	+25.80	+27.68	+28.21	+26.51	+10.95	+24.85	+22.04	+26.43	+12.23	+21.85	+0.000	+0.000
0645	+22.68	+25.80	+27.68	+28.17	+26.39	+10.80	+24.85	+22.04	+26.40	+11.88	+21.50	+0.000	+0.000
0700	+22.68	+25.80	+27.68	+28.13	+26.28	+10.82	+24.85	+22.04	+26.36	+11.52	+21.50	+0.000	+0.000
0715	+22.68	+25.80	+27.68	+28.09	+26.17	+11.07	+24.85	+22.04	+26.34	+11.92	+21.67	+0.000	+0.000
0730	+22.68	+25.80	+27.68	+28.05	+26.06	+12.63	+24.85	+22.04	+26.32	+15.29	+19.77	+0.000	+0.000
0745	+22.68	+25.80	+27.68	+28.01	+25.95	+15.00	+24.85	+22.04	+26.32	+15.29	+19.77	+0.000	+0.000
0800	+22.68	+25.80	+27.68	+27.92	+25.74	+19.17	+24.85	+22.04	+26.33	+16.12	+18.75	+0.000	+0.000
0815	+22.68	+25.80	+27.68	+27.87	+25.64	+20.97	+24.85	+22.04	+26.35	+16.50	+18.74	+0.000	+0.000
0830	+22.68	+25.80	+27.68	+27.83	+25.54	+22.77	+24.85	+22.04	+26.35	+16.67	+18.94	+0.000	+0.000
0845	+22.68	+25.80	+27.68	+27.78	+25.44	+24.57	+24.85	+22.04	+26.40	+17.31	+18.57	+0.000	+0.000
0900	+22.68	+25.80	+27.68	+27.74	+25.38	+26.67	+24.85	+22.04	+26.41	+17.95	+17.88	+0.000	+0.000
0915	+22.68	+25.80	+27.68	+27.74	+25.32	+29.19	+24.85	+22.05	+26.42	+18.54	+17.13	+0.000	+0.000
0930	+22.68	+25.80	+27.67	+27.69	+25.27	+31.45	+24.85	+22.05	+26.44	+19.89	+15.86	+0.000	+0.000
0945	+22.68	+25.80	+27.67	+27.64	+25.23	+34.00	+24.85	+22.05	+26.45	+20.05	+15.62	+0.000	+0.000
1000	+22.68	+25.80	+27.67	+27.60	+25.23	+36.50	+24.85	+22.05	+26.46	+20.80	+14.98	+0.000	+0.000
1015	+22.69	+25.80	+27.67	+27.51	+25.12	+39.00	+24.85	+22.05	+26.46	+21.55	+14.24	+0.000	+0.000
1030	+22.68	+25.80	+27.66	+27.46	+25.25	+38.20	+24.85	+22.05	+26.47	+22.10	+13.77	+0.000	+0.000
1045	+22.68	+25.80	+27.65	+27.42	+25.29	+40.17	+24.85	+22.05	+26.49	+22.63	+13.23	+0.000	+0.000
1100	+22.68	+25.80	+27.65	+27.38	+25.35	+41.72	+24.85	+22.05	+26.50	+23.15	+13.06	+0.000	+0.000
1115	+22.68	+25.80	+27.65	+27.35	+25.48	+43.56	+24.85	+22.05	+26.50	+23.55	+12.99	+0.000	+0.000
1130	+22.68	+25.79	+27.65	+27.30	+25.55	+44.43	+24.85	+22.05	+26.50	+23.23	+12.99	+0.000	+0.000
1145	+22.69	+25.80	+27.65	+27.25	+25.67	+45.46	+24.85	+22.05	+26.50	+23.55	+12.89	+0.000	+0.000
1200	+22.69	+25.80	+27.65	+27.22	+25.81	+46.40	+24.85	+22.05	+26.50	+23.55	+12.89	+0.000	+0.000
1215	+22.69	+25.80	+27.63	+27.18	+25.97	+46.68	+24.85	+22.05	+26.51	+24.09	+12.67	+0.000	+0.000
1230	+22.69	+25.80	+27.63	+27.13	+26.32	+47.01	+24.85	+22.05	+26.52	+24.53	+12.50	+0.000	+0.000
1245	+22.69	+25.80	+27.62	+27.16	+26.14	+47.83	+24.85	+22.05	+26.52	+24.90	+12.39	+0.000	+0.000
1300													





Time	1.75m 1.0m .5m .25m				.125m Surf. PVC PVC PVC Air				Rel. Hum.	Net Rad.	Precip		
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m				1.0m	
	1.75m	1.0m	.5m	.25m	.125m	Surf.	1.0m	1.75m				1.0m	
0015	22.79	25.78	27.02	28.12	29.99	18.41	24.85	22.17	26.87	17.49	23.76	-46.77	+0.000
0030	22.79	25.78	27.02	28.14	29.84	18.33	24.85	22.17	26.87	17.49	23.76	-46.77	+0.000
0045	22.79	25.78	27.02	28.15	29.70	17.83	24.85	22.17	26.87	17.13	24.61	-46.46	+0.000
0100	22.78	25.78	27.02	28.16	29.56	17.47	24.85	22.17	26.87	16.85	25.68	-46.08	+0.000
0115	22.79	25.78	27.02	28.17	29.43	17.02	24.85	22.17	26.87	16.20	27.07	-46.84	+0.000
0130	22.79	25.78	27.03	28.18	29.29	16.60	24.85	22.17	26.88	16.44	28.53	-44.19	+0.000
0145	22.79	25.78	27.03	28.18	29.16	16.33	24.85	22.17	26.88	16.17	28.83	-44.47	+0.000
0160	22.80	25.78	27.03	28.18	29.02	16.09	24.85	22.17	26.88	16.20	29.09	-44.73	+0.000
0175	22.79	25.78	27.03	28.17	28.88	15.76	24.85	22.18	26.89	16.10	29.16	-44.91	+0.000
0190	22.79	25.78	27.03	28.17	28.74	15.36	24.85	22.18	26.89	15.91	28.96	-44.85	+0.000
0205	22.79	25.78	27.04	28.16	28.62	15.10	24.84	22.18	26.89	16.03	28.11	-44.65	+0.000
0220	22.80	25.78	27.04	28.15	28.48	14.94	24.85	22.18	26.90	16.21	26.37	-44.52	+0.000
0235	22.80	25.78	27.05	28.14	28.36	14.92	24.85	22.18	26.90	16.38	25.64	-44.83	+0.000
0250	22.79	25.77	27.05	28.12	28.22	14.80	24.85	22.18	26.90	15.80	26.10	-45.13	+0.000
0265	22.80	25.77	27.05	28.11	28.09	14.55	24.84	22.18	26.91	15.31	26.12	-44.90	+0.000
0280	22.80	25.78	27.06	28.09	27.97	14.34	24.85	22.18	26.91	15.15	26.78	-44.72	+0.000
0295	22.80	25.78	27.06	28.07	27.85	14.17	24.85	22.19	26.92	15.02	26.46	-44.55	+0.000
0310	22.80	25.77	27.07	28.04	27.71	13.97	24.85	22.19	26.92	15.04	25.59	-44.28	+0.000
0325	22.80	25.77	27.07	28.02	27.60	13.76	24.84	22.18	26.93	14.98	25.48	-44.36	+0.000
0340	22.80	25.77	27.07	28.00	27.47	13.60	24.84	22.18	26.93	15.02	25.04	-43.80	+0.000
0355	22.80	25.77	27.08	27.97	27.35	13.57	24.85	22.18	26.94	15.12	24.60	-44.59	+0.000
0370	22.80	25.77	27.08	27.94	27.23	13.30	24.84	22.19	26.95	14.28	25.78	-45.08	+0.000
0385	22.80	25.77	27.08	27.91	27.12	12.83	24.85	22.19	26.95	13.21	27.96	-43.53	+0.000
0400	22.80	25.77	27.08	27.88	27.00	12.47	24.84	22.19	26.96	12.74	29.45	-42.99	+0.000
0415	22.80	25.77	27.09	27.85	26.89	12.22	24.84	22.19	26.97	12.85	29.48	-41.68	+0.000
0430	22.80	25.77	27.09	27.82	26.77	11.94	24.84	22.19	26.96	12.80	29.40	-38.71	+0.000
0445	22.80	25.77	27.10	27.79	26.67	11.72	24.84	22.19	26.96	12.45	30.16	-33.65	+0.000
0460	22.80	25.76	27.10	27.75	26.55	11.66	24.85	22.19	26.95	11.78	33.14	-30.97	+0.000
0475	22.80	25.77	27.11	27.71	26.44	11.56	24.84	22.19	26.94	12.15	33.16	-14.86	+0.000
0490	22.80	25.77	27.10	27.69	26.34	12.92	24.84	22.19	26.92	13.99	30.27	-61.15	+0.000
0505	22.80	25.76	27.10	27.65	26.22	15.29	24.84	22.20	26.91	15.79	26.49	-076.9	+0.000
0520	22.81	25.76	27.11	27.61	26.12	17.43	24.84	22.19	26.92	16.47	25.68	-106.7	+0.000
0535	22.80	25.76	27.11	27.58	26.01	19.55	24.85	22.19	26.92	17.25	24.82	-129.1	+0.000
0550	22.81	25.76	27.12	27.50	25.81	22.90	24.84	22.19	26.94	18.33	22.87	-188.1	+0.000
0565	22.81	25.76	27.12	27.46	25.72	24.79	24.84	22.20	26.94	18.47	22.97	-114.9	+0.000
0580	22.81	25.76	27.13	27.42	25.64	26.92	24.84	22.19	26.94	18.77	22.93	-238	+0.000
0595	22.81	25.76	27.13	27.37	25.46	40.39	24.83	22.19	26.95	17.59	21.57	-255.7	+0.000
0610	22.81	25.75	27.13	27.34	25.51	31.47	24.83	22.19	26.95	20.46	20.00	-276.4	+0.000
0625	22.81	25.76	27.13	27.30	25.47	33.74	24.83	22.19	26.95	21.41	18.18	-291.8	+0.000
0640	22.81	25.75	27.13	27.25	25.45	36.05	24.83	22.19	26.96	22.16	16.57	-302.9	+0.000
0655	22.81	25.75	27.13	27.21	25.44	38.38	24.83	22.19	26.96	22.75	15.30	-329.1	+0.000
0670	22.81	25.75	27.13	27.17	25.46	40.39	24.83	22.19	26.96	23.15	14.71	-352.5	+0.000
0685	22.81	25.75	27.13	27.12	25.48	42.06	24.83	22.19	26.97	23.46	14.44	-374.0	+0.000
0700	22.81	25.75	27.13	27.09	25.54	44.09	24.83	22.19	26.98	24.30	14.00	-387.7	+0.000
0715	22.81	25.75	27.13	27.05	25.62	45.56	24.83	22.20	26.99	24.50	13.81	-402.4	+0.000
0730	22.81	25.75	27.12	27.01	25.70	46.80	24.83	22.20	26.99	25.82	13.82	-412.0	+0.000
0745	22.81	25.74	27.12	26.98	25.83	48.47	24.83	22.20	26.99	25.88	13.10	-438.7	+0.000
0760	22.81	25.74	27.12	26.94	25.96	49.49	24.83	22.20	27.00	25.83	12.97	-435.2	+0.000
0775	22.81	25.74	27.12	26.92	26.11	50.57	24.83	22.20	27.01	26.25	12.71	-449.6	+0.000
0790	22.81	25.74	27.12	26.89	26.28	51.88	24.83	22.20	27.00	26.59	12.48	-437.6	+0.000
0805	22.81	25.74	27.12	26.87	26.47	53.41	24.83	22.20	27.01	27.53	11.97	-460.8	+0.000
0820	22.81	25.74	27.11	26.84	26.67	54.39	24.83	22.20	27.01	27.53	11.97	-460.8	+0.000
0835	22.81	25.74	27.11	26.83	26.89	55.37	24.83	22.20	27.01	28.28	11.60	-455.0	+0.000
0850	22.81	25.74	27.11	26.82	27.13	55.02	24.82	22.20	27.01	28.44	11.45	-452.2	+0.000

Time	1.75m 1.0m .5m .25m				.125m Surf. PVC PVC PVC Air				Rel. Hum.	Net Rad.	Precip		
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m				1.0m	
	1.75m	1.0m	.5m	.25m	.125m	Surf.	1.0m	1.75m				1.0m	
1400	22.81	25.74	27.11	26.81	27.36	55.02	24.82	22.20	27.02	28.91	11.21	-458.4	+0.000
1415	22.81	25.74	27.10	26.80	27.60	54.65	24.82	22.20	27.02	29.05	11.19	-453.0	+0.000
1430	22.81	25.73	27.09	26.80	27.85	54.29	24.82	22.20	27.02	29.48	10.96	-427.1	+0.000
1445	22.81	25.74	27.09	26.81	28.12	55.02	24.82	22.20	27.02	30.04	10.74	-422.4	+0.000
1500	22.82	25.74	27.09	26.82	28.39	54.94	24.82	22.21	27.04	30.36	10.56	-408.3	+0.000
1515	22.81	25.73	27.08	26.84	28.66	55.25	24.81	22.20	27.03	31.18	10.23	-393.3	+0.000
1530	22.82	25.74	27.08	26.86	28.93	55.73	24.82	22.20	27.04	31.47	10.09	-376.2	+0.000
1545	22.82	25.73	27.08	26.88	29.19	55.39	24.82	22.20	27.04	31.10	10.14	-363.8	+0.000
1600	22.82	25.73	27.08	26.90	29.46	53.96	24.82	22.20	27.04	31.34	10.11	-349.2	+0.000
1615	22.82	25.73	27.07	26.94	29.72	53.70	24.82	22.21	27.05	32.15	09.74	-317.7	+0.000
1630	22.82	25.73	27.06	26.97	29.97	53.11	24.82	22.21	27.05	32.55	09.55	-290.6	+0.000
1645	22.82	25.73	27.05	27.01	30.23	53.97	24.81	22.21	27.05	33.80	09.82	-265.1	+0.000
1700	22.82	25.73	27.05	27.05	30.47	50.76	24.82	22.21	27.05	31.94	09.77	-246.1	+0.000
1715	22.82	25.73	27.04	27.05	30.70	49.84	24.82	22.21	27.06	33.09	09.72	-211.8	+0.000
1730	22.82	25.73	27.04	27.15	30.93	48.41	24.81	22.21	27.06	31.59	09.90	-170.5	+0.000
1745	22.82	25.72	27.03	27.20	31.13	46.84	24.81	22.21	27.06	31.30	10.00	-110.1	+0.000
1800	22.82	25.73	27.03	27.26	31.33	44.99	24.81	22.21	27.07	30.68	10.22	-147.0	+0.000
1815	22.82	25.73	27.02	27.32	31.52	43.08	24.81	22.21	27.07	30.25	10.16	-125.2	+0.000
1830	22.82	25.72	27.02	27.38	31.68	41.24	24.81	22.21	27.07	29.85	10.51	-078.4	+0.000
1845	22.82	25.72	27.01	27.45	31.83	39.48	24.82	22.22	27.08	29.44	10.67	-61.02	+0.000
1900	22.82	25.72	27.01	27.51	31.97	37.95	24.81	22.21	27.07	29.21	10.76	-35.63	+0.000
1915	22.82	25.72	27.00	27.57	32.08	36.34	24.81	22.22	27.08	28.53	11.00	-07.33	+0.000
1930	22.82	25.72	26.99	27.63	32.17	34.53	24.82	22.22	27.08	27.74	11.30	-28.04	+0.000
1945	22.82	25.72	26.99	27.71	32.25	32.75	24.81	22.22	27.09	26.65	11.73	-53.68	+0.000
2000	22.83	25.72	26.98	27.77	32.30	31.16	24.82	22.22	27.09	25.96	11.98	-55.64	+0.000
2015	22.83	25.72	26.98	27.83	32.32	29.80	24.81	22.22	27.09	25.67	12.09	-57.12	+0.000
2030	22.83	25.72	26.98	27.89	32.33	28.64	24.81	22.22	27.09	25.38	12.23	-56.11	+0.000
2045	22.83	25.7											

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m	1.75m	1.75m	Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 0345	22.85	25.71	27.06	28.58	28.95	15.03	24.80	22.25	27.17	15.35	17.66	-45.55	+0.000
D 0400	22.85	25.71	27.07	28.57	28.82	14.58	24.81	22.25	27.17	15.07	17.79	-44.13	+0.000
D 0415	22.85	25.71	27.08	28.55	28.69	14.29	24.81	22.25	27.17	15.02	17.94	-43.36	+0.000
D 0430	22.85	25.71	27.08	28.52	28.57	14.01	24.81	22.25	27.18	15.45	17.59	-44.24	+0.000
D 0445	22.85	25.71	27.09	28.50	28.44	13.76	24.81	22.25	27.19	16.38	16.97	-44.20	+0.000
D 0500	22.85	25.71	27.10	28.48	28.31	13.89	24.80	22.25	27.19	17.22	16.43	-45.07	+0.000
D 0515	22.85	25.71	27.10	28.45	28.18	13.89	24.80	22.25	27.19	16.95	16.53	-45.47	+0.000
D 0530	22.85	25.71	27.11	28.42	28.05	13.69	24.80	22.25	27.19	16.69	16.54	-45.06	+0.000
D 0545	22.85	25.71	27.12	28.40	27.93	13.32	24.80	22.25	27.20	15.81	16.48	-43.38	+0.000
D 0600	22.86	25.71	27.12	28.37	27.80	13.10	24.80	22.25	27.20	15.51	17.18	-43.10	+0.000
D 0615	22.85	25.71	27.12	28.33	27.67	13.04	24.80	22.25	27.20	15.31	17.46	-42.40	+0.000
D 0630	22.85	25.71	27.13	28.31	27.55	13.14	24.80	22.25	27.20	15.72	16.97	-39.19	+0.000
D 0645	22.86	25.71	27.14	28.28	27.43	12.92	24.80	22.26	27.21	15.93	16.92	-34.63	+0.000
D 0700	22.86	25.71	27.14	28.23	27.30	12.88	24.80	22.26	27.23	15.93	16.92	-31.32	+0.000
D 0715	22.85	25.71	27.14	28.20	27.18	12.87	24.80	22.26	27.23	15.57	17.14	-15.63	+0.000
D 0730	22.86	25.71	27.15	28.17	27.06	14.10	24.80	22.25	27.23	16.15	17.08	-61.90	+0.000
D 0745	22.86	25.70	27.16	28.13	26.94	16.29	24.80	22.26	27.24	18.38	15.94	-67.22	+0.000
D 0800	22.86	25.71	27.17	28.09	26.83	18.50	24.80	22.26	27.23	20.02	15.06	-100.5	+0.000
D 0815	22.86	25.71	27.17	28.05	26.72	20.77	24.80	22.26	27.25	20.24	15.00	-131.6	+0.000
D 0830	22.86	25.70	27.17	28.01	26.61	22.89	24.80	22.26	27.25	20.71	14.89	-157.4	+0.000
D 0845	22.86	25.70	27.18	27.97	26.50	24.16	24.79	22.26	27.25	20.32	15.21	-183.7	+0.000
D 0900	22.85	25.69	27.18	27.92	26.40	26.21	24.80	22.26	27.25	20.83	14.95	-205.2	+0.000
D 0915	22.86	25.70	27.19	27.89	26.33	28.64	24.79	22.26	27.26	21.52	14.40	-226.9	+0.000
D 0930	22.86	25.70	27.19	27.85	26.25	31.02	24.79	22.26	27.25	22.35	13.83	-248.2	+0.000
D 0945	22.86	25.70	27.20	27.81	26.19	33.25	24.78	22.26	27.25	23.12	13.54	-266.7	+0.000
D 1000	22.86	25.69	27.19	27.76	26.15	35.50	24.79	22.26	27.25	23.65	13.34	-288.5	+0.000
D 1015	22.86	25.70	27.20	27.72	26.13	37.76	24.79	22.26	27.25	24.32	12.91	-310.6	+0.000
D 1030	22.86	25.69	27.20	27.67	26.12	39.81	24.80	22.26	27.26	24.89	12.58	-324.6	+0.000
D 1045	22.86	25.69	27.20	27.63	26.13	41.73	24.79	22.26	27.26	24.79	12.26	-337.2	+0.000
D 1100	22.86	25.69	27.20	27.59	26.17	43.63	24.79	22.27	27.26	26.33	11.88	-370.0	+0.000
D 1115	22.86	25.69	27.20	27.55	26.22	45.07	24.79	22.26	27.26	26.59	11.76	-386.9	+0.000
D 1130	22.86	25.69	27.21	27.52	26.30	46.61	24.79	22.26	27.26	27.19	11.51	-395.8	+0.000
D 1145	22.86	25.69	27.21	27.47	26.39	48.07	24.79	22.26	27.27	27.61	11.32	-410.1	+0.000
D 1200	22.86	25.68	27.21	27.44	26.47	49.39	24.79	22.26	27.27	27.67	11.31	-430.1	+0.000
D 1215	22.86	25.69	27.21	27.41	26.65	50.71	24.79	22.26	27.28	28.19	11.13	-434.9	+0.000
D 1230	22.86	25.68	27.20	27.37	26.80	52.23	24.79	22.27	27.28	29.08	10.80	-449.2	+0.000
D 1245	22.86	25.68	27.20	27.34	26.97	53.23	24.78	22.26	27.27	29.27	10.72	-452.9	+0.000
D 1300	22.86	25.68	27.21	27.33	27.16	54.16	24.79	22.26	27.28	29.56	10.60	-470.0	+0.000
D 1315	22.86	25.68	27.21	27.30	27.33	55.24	24.79	22.26	27.28	30.79	10.37	-477.0	+0.000
D 1330	22.86	25.69	27.21	27.29	27.59	54.98	24.79	22.27	27.29	30.13	10.37	-457.9	+0.000
D 1345	22.86	25.68	27.20	27.27	27.81	55.30	24.79	22.27	27.29	30.46	10.24	-454.7	+0.000
D 1400	22.87	25.68	27.21	27.27	28.06	55.67	24.78	22.26	27.29	30.60	10.19	-432.1	+0.000
D 1415	22.86	25.68	27.20	27.26	28.30	56.69	24.78	22.26	27.29	31.83	09.75	-436.1	+0.000
D 1430	22.86	25.68	27.20	27.26	28.54	57.60	24.78	22.27	27.30	31.64	09.82	-425.3	+0.000
D 1445	22.87	25.69	27.20	27.28	28.84	56.75	24.78	22.27	27.30	31.64	09.64	-411.6	+0.000
D 1500	22.86	25.68	27.19	27.28	29.10	56.42	24.79	22.27	27.30	32.13	09.58	-397.3	+0.000
D 1515	22.86	25.68	27.20	27.30	29.37	55.84	24.78	22.27	27.31	32.32	09.51	-395.7	+0.000
D 1530	22.86	25.67	27.18	27.31	29.64	55.47	24.78	22.27	27.31	32.34	09.51	-374.5	+0.000
D 1545	22.86	25.67	27.18	27.31	29.91	55.26	24.78	22.27	27.31	32.34	09.34	-356.2	+0.000
D 1600	22.87	25.68	27.18	27.36	30.19	54.51	24.78	22.27	27.32	32.21	09.19	-334.5	+0.000
D 1615	22.86	25.68	27.18	27.39	30.44	53.93	24.78	22.27	27.32	33.47	09.10	-307.1	+0.000
D 1630	22.87	25.68	27.18	27.43	30.71	53.25	24.78	22.27	27.33	33.39	09.13	-289.2	+0.000
D 1645	22.87	25.68	27.17	27.47	30.95	51.86	24.78	22.27	27.33	32.77	09.35	-269.5	+0.000
D 1700	22.87	25.67	27.16	27.51	31.18	50.79	24.78	22.27	27.33	32.77	09.37	-251.4	+0.000
D 1715	22.87	25.68	27.16	27.56	31.43	49.50	24.78	22.27	27.33	32.67	09.39	-215.1	+0.000
D 1730	22.87	25.68	27.16	27.61	31.65	48.06	24.78	22.27	27.33	32.52	09.44	-171.7	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m	1.75m	1.75m	Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 1745	22.87	25.68	27.16	27.67	31.86	46.95	24.78	22.27	27.34	32.78	09.34	-101.0	+0.000
D 1800	22.87	25.68	27.15	27.73	32.05	44.88	24.78	22.27	27.34	32.71	09.37	-140.5	+0.000
D 1815	22.88	25.68	27.15	27.78	32.23	44.43	24.78	22.27	27.35	32.51	09.44	-181.0	+0.000
D 1830	22.87	25.67	27.14	27.84	32.38	43.10	24.78	22.27	27.35	32.54	09.43	-207.3	+0.000
D 1845	22.87	25.67	27.14	27.91	32.52	41.43	24.78	22.27	27.35	31.89	09.67	-253.52	+0.000
D 1900	22.87	25.67	27.13	27.97	32.64	39.64	24.78	22.28	27.36	31.12	09.94	-30.83	+0.000
D 1915	22.87	25.67	27.13	28.04	32.75	37.76	24.78	22.27	27.36	30.36	10.22	-3.163	+0.000
D 1930	22.87	25.67	27.13	28.11	32.84	35.74	24.78	22.28	27.36	29.58	10.20	-51.20	+0.000
D 1945	22.88	25.68	27.12	28.17	32.90	33.77	24.78	22.28	27.36	27.83	11.13	-55.70	+0.000
D 2000	22.87	25.68	27.12	28.24	32.96	32.05	24.78	22.28	27.37	27.20	11.33	-58.26	+0.000
D 2015	22.88	25.68	27.12	28.30	32.99	30.56	24.78	22.28	27.37	26.77	11.45	-59.60	+0.000
D 2030	22.87	25.68	27.12	28.37	32.99	29.28	24.78	22.29	27.38	26.31	11.64	-59.12	+0.000
D 2045	22.88	25.68	27.12	28.43	32.98	28.14	24.78	22.28	27.38	26.01	11.78	-58.37	+0.000
D 2100	22.88	25.68	27.11	28.50	32.94	27.10	24.78	22.28	27.38	25.51	11.96	-58.37	+0.000
D 2115	22.89	25.68	27.12	28.56	32.91	26.18	24.78	22.28	27.38	25.14	12.10	-57.22	+0.000
D 2130	22.88	25.68	27.12	28.61	32.83	25.44	24.79	22.29	27.39	25.02	12.14	-54.73	+0.000
D 2145	22.88	25.68	27.11	28.66	32.74	24.92	24.79	22.29	27.40	25.09	12.11	-54.54	+0.000
D 2200	22.88	25.68	27.11	28.72	32.65	24.32	24.78	22.29	27.40	24.57	12.29	-53.63	+0.000
D 2215	22.88	25.68	27.11	28.77	32.54	23.77	24.78	22.29	27.40	24.00	12.50	-53.65	+0.000
D 2230	22.88	25.68	27.12	28.82	32.42	23.06	24.78	22.29	27.41	23.32	12.74	-51.73	+0.000
D 2245	22.88	25.68	27.12	28.86	32.29	22.42	24.78	22.29	27.41	23.35	12.73	-50.95	+0.000
D 2300	22.88	25.68	27.12	28.90	32.17	22.02	24.78	22.29	27.41	23.51	12.68	-51.12	+0.000
D 2315	22.88	25.68	27.12	28.93	32.02	21.55	24.78	22.29	27.41	23.48	12.69	-49.95	+0.000
D 2330	22.88	25.67	27.12	28.96	31.88	20.93	24.78	22.30	27.42	23.36	13.10	-49.23	+0.000
D 2345	22.88	25.68	27.13	28.99	31.74	20.29	24.78	22.29	27.42	23.11	13.30	-47.22	+0.000
D 0000	22.88	25.68	27.13	29.01	31.59	19.93	24.78	22.29	27.42	23.83			



Time	Soil					Surf.	PVC		PVC		Air	Rel. Hum.	Net Rad.	Precep
	1.75m	1.0m	.5m	.25m	.125m	Soil	1.0m	1.75m	1.75m	1.0m				
D 0730	+22.90	+25.68	+27.33	+28.54	+27.42	+14.44	+24.78	+22.31	+27.53	+17.33	+15.43	+62.04	+0.000	
D 0745	+22.90	+25.68	+27.33	+28.50	+27.30	+16.73	+24.78	+22.32	+27.53	+19.57	+14.55	+071.0	+0.000	
D 0800	+22.90	+25.67	+27.34	+28.46	+27.30	+18.99	+24.78	+22.32	+27.53	+19.93	+14.60	+098.7	+0.000	
D 0815	+22.90	+25.67	+27.35	+28.43	+27.07	+21.23	+24.78	+22.31	+27.54	+20.26	+14.53	+133.4	+0.000	
D 0830	+22.90	+25.68	+27.36	+28.38	+26.97	+23.20	+24.78	+22.32	+27.54	+20.85	+14.36	+178.0	+0.000	
D 0845	+22.90	+25.68	+27.36	+28.34	+26.86	+24.68	+24.78	+22.32	+27.55	+21.02	+13.83	+203.5	+0.000	
D 0900	+22.90	+25.67	+27.36	+28.29	+26.76	+26.52	+24.78	+22.32	+27.56	+23.37	+13.28	+225.7	+0.000	
D 0915	+22.91	+25.68	+27.37	+28.25	+26.68	+28.52	+24.78	+22.32	+27.56	+24.14	+13.01	+246.0	+0.000	
D 0930	+22.91	+25.67	+27.37	+28.20	+26.60	+32.03	+24.78	+22.32	+27.56	+24.92	+12.61	+264.4	+0.000	
D 0945	+22.91	+25.67	+27.38	+28.16	+26.55	+34.35	+24.78	+22.31	+27.56	+25.51	+12.33	+281.7	+0.000	
D 1000	+22.90	+25.67	+27.38	+28.11	+26.50	+36.62	+24.78	+22.31	+27.56	+26.25	+11.98	+304.4	+0.000	
D 1015	+22.90	+25.67	+27.38	+28.07	+26.48	+38.98	+24.78	+22.32	+27.56	+26.96	+11.64	+321.3	+0.000	
D 1030	+22.90	+25.67	+27.39	+28.02	+26.48	+41.05	+24.78	+22.31	+27.58	+27.68	+11.29	+339.4	+0.000	
D 1045	+22.90	+25.67	+27.39	+27.98	+26.50	+43.82	+24.78	+22.32	+27.58	+28.35	+10.91	+362.1	+0.000	
D 1100	+22.90	+25.66	+27.39	+27.93	+26.53	+44.67	+24.78	+22.32	+27.58	+28.66	+10.91	+364.5	+0.000	
D 1115	+22.90	+25.67	+27.40	+27.89	+26.59	+46.32	+24.78	+22.32	+27.58	+28.96	+10.91	+366.5	+0.000	
D 1130	+22.90	+25.66	+27.39	+27.85	+26.67	+47.83	+24.78	+22.32	+27.58	+29.32	+10.63	+366.0	+0.000	
D 1145	+22.90	+25.67	+27.39	+27.81	+26.78	+49.29	+24.78	+22.32	+27.59	+29.70	+10.43	+406.9	+0.000	
D 1200	+22.90	+25.66	+27.39	+27.74	+27.04	+51.81	+24.78	+22.32	+27.58	+30.42	+10.20	+422.0	+0.000	
D 1215	+22.90	+25.66	+27.39	+27.71	+27.21	+53.84	+24.78	+22.32	+27.58	+31.21	+0.92	+449.4	+0.000	
D 1230	+22.90	+25.67	+27.39	+27.68	+27.39	+55.67	+24.78	+22.32	+27.59	+31.65	+0.95	+456.6	+0.000	
D 1245	+22.90	+25.66	+27.39	+27.61	+28.25	+56.64	+24.78	+22.32	+27.59	+32.59	+0.94	+460.5	+0.000	
D 1300	+22.91	+25.67	+27.40	+27.65	+27.80	+59.22	+24.78	+22.32	+27.60	+33.33	+0.91	+460.5	+0.000	
D 1315	+22.91	+25.67	+27.40	+27.65	+27.80	+59.22	+24.78	+22.32	+27.60	+33.33	+0.91	+460.5	+0.000	
D 1330	+22.90	+25.67	+27.39	+27.61	+28.25	+56.64	+24.78	+22.32	+27.60	+33.33	+0.91	+460.5	+0.000	
D 1345	+22.90	+25.66	+27.39	+27.61	+28.25	+56.64	+24.78	+22.32	+27.60	+33.33	+0.91	+460.5	+0.000	
D 1400	+22.90	+25.66	+27.38	+27.60	+28.76	+57.43	+24.78	+22.32	+27.61	+34.10	+0.87	+433.2	+0.000	
D 1415	+22.90	+25.66	+27.38	+27.60	+28.76	+57.43	+24.78	+22.32	+27.61	+34.10	+0.87	+433.2	+0.000	
D 1430	+22.91	+25.67	+27.39	+27.60	+29.19	+57.49	+24.78	+22.32	+27.61	+34.10	+0.87	+433.2	+0.000	
D 1445	+22.90	+25.66	+27.38	+27.61	+29.57	+57.57	+24.78	+22.32	+27.61	+34.47	+0.73	+401.2	+0.000	
D 1500	+22.90	+25.66	+27.38	+27.63	+29.84	+57.35	+24.78	+22.32	+27.61	+34.47	+0.73	+401.2	+0.000	
D 1515	+22.90	+25.66	+27.38	+27.63	+29.84	+57.35	+24.78	+22.32	+27.61	+34.47	+0.73	+401.2	+0.000	
D 1530	+22.91	+25.66	+27.38	+27.65	+30.12	+57.20	+24.78	+22.32	+27.62	+34.88	+0.57	+363.4	+0.000	
D 1545	+22.90	+25.66	+27.37	+27.70	+30.67	+54.33	+24.78	+22.32	+27.62	+34.57	+0.65	+331.9	+0.000	
D 1600	+22.91	+25.66	+27.36	+27.70	+30.94	+53.97	+24.78	+22.32	+27.63	+34.88	+0.54	+306.9	+0.000	
D 1615	+22.91	+25.66	+27.36	+27.73	+30.94	+53.97	+24.78	+22.32	+27.63	+34.88	+0.54	+306.9	+0.000	
D 1630	+22.90	+25.66	+27.36	+27.76	+31.20	+53.35	+24.78	+22.32	+27.63	+35.26	+0.48	+285.0	+0.000	
D 1645	+22.91	+25.66	+27.35	+27.81	+31.45	+52.13	+24.78	+22.32	+27.63	+35.26	+0.48	+285.0	+0.000	
D 1700	+22.91	+25.67	+27.33	+27.86	+31.70	+51.96	+24.78	+22.32	+27.64	+35.43	+0.33	+225.2	+0.000	
D 1715	+22.91	+25.66	+27.35	+27.91	+31.93	+51.06	+24.78	+22.32	+27.64	+35.61	+0.27	+162.5	+0.000	
D 1730	+22.90	+25.66	+27.34	+27.95	+32.14	+50.30	+24.77	+22.32	+27.64	+35.61	+0.27	+162.5	+0.000	
D 1745	+22.91	+25.66	+27.34	+28.01	+32.35	+48.99	+24.77	+22.32	+27.64	+35.61	+0.27	+162.5	+0.000	
D 1800	+22.90	+25.66	+27.33	+28.06	+32.53	+47.50	+24.77	+22.32	+27.64	+35.61	+0.27	+162.5	+0.000	
D 1815	+22.91	+25.66	+27.33	+28.12	+32.72	+46.16	+24.78	+22.32	+27.65	+34.87	+0.53	+118.4	+0.000	
D 1830	+22.91	+25.67	+27.33	+28.18	+32.88	+44.35	+24.78	+22.32	+27.66	+34.12	+0.89	+105.8	+0.000	
D 1845	+22.91	+25.67	+27.33	+28.26	+33.03	+42.28	+24.78	+22.32	+27.66	+31.51	+0.95	+49.34	+0.000	
D 1900	+22.91	+25.66	+27.32	+28.32	+33.15	+40.24	+24.78	+22.32	+27.67	+30.59	+1.01	+27.69	+0.000	
D 1915	+22.92	+25.67	+27.32	+28.39	+33.27	+38.35	+24.78	+22.32	+27.67	+29.02	+1.00	+32.70	+0.000	
D 1930	+22.91	+25.67	+27.31	+28.46	+33.33	+36.44	+24.78	+22.32	+27.67	+26.26	+1.11	+56.01	+0.000	
D 1945	+22.92	+25.67	+27.31	+28.53	+33.43	+34.67	+24.78	+22.32	+27.68	+28.13	+1.22	+50.62	+0.000	
D 2000	+22.92	+25.67	+27.31	+28.60	+33.48	+33.10	+24.79	+22.32	+27.68	+27.38	+1.18	+54.54	+0.000	
D 2015	+22.92	+25.67	+27.31	+28.66	+33.50	+31.70	+24.78	+22.32	+27.69	+26.77	+1.10	+56.01	+0.000	
D 2030	+22.91	+25.67	+27.31	+28.73	+33.51	+30.50	+24.78	+22.32	+27.69	+25.87	+1.20	+54.93	+0.000	
D 2045	+22.92	+25.67	+27.30	+28.79	+33.49	+29.50	+24.78	+22.34	+27.69	+25.35	+1.28	+54.72	+0.000	
D 2100	+22.92	+25.67	+27.30	+28.85	+33.45	+28.55	+24.79	+22.34	+27.69	+25.00	+1.27	+54.17	+0.000	
D 2115	+22.92	+25.67	+27.30	+28.92	+33.41	+27.63	+24.78	+22.32	+27.70	+25.00	+1.27	+54.17	+0.000	

Time	Soil					Surf.	PVC		PVC		Air	Rel. Hum.	Net Rad.	Precep
	1.75m	1.0m	.5m	.25m	.125m	Soil	1.0m	1.75m	1.75m	1.0m				
D 2130	+22.92	+25.67	+27.30	+28.98	+33.34	+26.80	+24.79	+22.34	+27.70	+24.62	+12.65	+53.06	+0.000	
D 2145	+22.92	+25.67	+27.30	+29.03	+33.16	+26.06	+24.79	+22.33	+27.70	+24.34	+12.75	+52.28	+0.000	
D 2200	+22.92	+25.67	+27.30	+29.09	+33.16	+25.39	+24.80	+22.34	+27.72	+24.35	+12.70	+51.29	+0.000	
D 2215	+22.92	+25.67	+27.31	+29.14	+33.05	+24.77	+24.78	+22.34	+27.71	+24.13	+12.77	+51.60	+0.000	
D 2230	+22.92	+25.67	+27.31	+29.19	+32.94	+24.20	+24.79	+22.34	+27.72	+23.86	+12.86	+50.42	+0.000	
D 2245	+22.92	+25.68	+27.31	+29.24	+32.82	+23.67	+24.79	+22.34	+27.73	+23.67	+12.94	+49.86	+0.000	
D 2300	+22.93	+25.68	+27.32	+29.28	+32.70	+23.15	+24.79	+22.34	+27.73	+23.49	+13.19	+49.89	+0.000	
D 2315	+22.92	+25.68	+27.32	+29.31	+32.56	+22.56	+24.79	+22.34	+27.73	+23.30	+13.12	+49.34	+0.000	
D 2330	+22.93	+25.67	+27.31	+29.34	+32.43	+21.97	+24.79	+22.34	+27.73	+23.11	+13.14	+48.37	+0.000	
D 2345	+22.93	+25.67	+27.31	+29.37	+32.30	+21.38	+24.78	+22.34	+27.74	+22.97	+13.16	+47.82	+0.000	
D 0000	+22.92	+25.68	+27.33	+29.40	+32.14	+21.95	+24.79	+22.34	+27.74	+22.87	+13.16	+47.82	+0.000	
D 0015	+22.93	+25.68	+27.33	+29.43	+32.00	+21.75	+24.78	+22.34	+27.74	+23.15	+13.04	+48.27	+0.000	
D 0030	+22.93	+25.68	+27.33	+29.44	+31.85	+21.53	+24.79	+22.34	+27.74	+23.20	+12.96	+48.32	+0.000	
D 0045	+22.92	+25.68	+27.34	+29.45	+31.70	+21.09	+24.79	+22.34	+27.75	+23.12	+12.77	+47.48	+0.000	
D 0100	+22.93	+25.68	+27.35	+29.46	+31.56	+20.54	+24.79	+22.35	+27.75	+23.07	+12.65	+46.98	+0.000	
D 0115	+22.93	+25.68	+27.35	+29.47	+31.42	+20.04	+24.79	+22.35	+27.76	+23.01	+12.57	+46.56	+0.000	
D 0130	+22.93	+25.69	+27.37	+29.48	+31.27	+19.61	+24.79	+22.35	+27.76	+22.94	+12.51	+46.68	+0.000	
D 0145	+22.93	+25.68	+27.37	+29.48	+31.13	+19.16	+24.79	+22.35	+27.77	+22.87	+12.45	+45.46	+0.000	
D 0200	+22.93	+25.68	+27.38	+29.48	+30.99	+19.37	+24.79	+22.35	+27.77	+22.77	+12.37	+44.60	+0.000	
D 0215	+22.93	+25.68	+27.38	+29.48	+30.85	+18.98	+24.79	+22.35	+27.78	+22.67	+12.31	+43.77	+0.000	
D 0230	+22.93	+25.68	+27.39	+29.47	+30.71	+18.55	+24.80	+22.35	+27.79	+22.57	+12.20	+43.46	+0.000	
D 0245	+22.93	+25.69	+27.40	+29.47	+30.57	+18.36	+24.80	+22.35	+27.78	+22.46	+12.08	+40.40	+0.000	
D 0300	+22.93	+25.68	+27.40	+29.45	+30.44	+17.99	+24.80	+22.35	+27.79	+22.36	+11.98	+41.24	+0.000	
D 0315	+22.93	+25.68	+27.41	+29.44	+30.30	+17.84	+24.79	+22.35	+27.79	+22.25	+11.87	+42.18	+0.000	
D 0330	+22.93	+25.68	+27.41	+29.42	+30.16	+17.79	+24.80	+22.35	+27.79	+22.14	+11.77	+41.34	+0.000	
D 0345	+22.93	+25.68	+27.41	+29.42	+30.03	+17.58	+24.80	+22.35	+27.79	+22.03	+11.6			



Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	lll
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
1115	-22.94	-25.69	-27.60	-28.38	-27.50	-43.27	-24.80	-22.36	-27.89	-27.71	-11.54	-340.4	+0.000
1130	-22.93	-25.68	-27.60	-28.30	-27.58	-45.26	-24.80	-22.37	-27.89	-28.12	-11.24	-351.3	+0.000
1145	-22.93	-25.68	-27.60	-28.30	-27.67	-47.02	-24.81	-22.37	-27.89	-28.75	-10.87	-282.6	+0.000
1200	-22.94	-25.68	-27.61	-28.27	-27.79	-45.56	-24.80	-22.36	-27.90	-28.36	-10.94	-245.8	+0.000
1215	-22.93	-25.68	-27.61	-28.23	-27.91	-44.98	-24.82	-22.37	-27.91	-28.00	-11.07	-123.7	+0.000
1230	-22.94	-25.68	-27.61	-28.11	-28.06	-43.98	-24.80	-22.37	-27.92	-28.82	-11.13	-288.2	+0.000
1245	-22.93	-25.68	-27.61	-28.11	-28.20	-41.33	-24.80	-22.36	-27.90	-28.61	-10.85	-345.6	+0.000
1300	-22.94	-25.68	-27.61	-28.17	-28.36	-42.81	-24.80	-22.37	-27.92	-28.81	-10.85	-345.6	+0.000
1315	-22.93	-25.68	-27.60	-28.14	-28.52	-42.86	-24.81	-22.37	-27.92	-28.82	-10.82	-318.5	+0.000
1330	-22.94	-25.69	-27.61	-28.14	-28.68	-42.08	-24.81	-22.37	-27.93	-29.02	-10.67	-206.9	+0.000
1345	-22.94	-25.69	-27.61	-28.11	-28.83	-41.33	-24.81	-22.37	-27.93	-29.02	-10.67	-206.9	+0.000
1400	-22.94	-25.68	-27.61	-28.11	-28.98	-40.88	-24.80	-22.37	-27.93	-29.02	-10.67	-206.9	+0.000
1415	-22.94	-25.68	-27.60	-28.11	-29.12	-41.00	-24.80	-22.37	-27.93	-29.90	-10.33	-443.0	+0.000
1430	-22.93	-25.68	-27.60	-28.10	-29.26	-45.00	-24.80	-22.37	-27.94	-31.64	-0.92	-775.1	+0.000
1445	-22.94	-25.69	-27.60	-28.11	-29.39	-47.55	-24.81	-22.37	-27.94	-32.40	-0.93	-409.2	+0.000
1500	-22.94	-25.69	-27.60	-28.11	-29.52	-48.69	-24.81	-22.37	-27.94	-31.99	-0.99	-314.7	+0.000
1515	-22.95	-25.69	-27.61	-28.13	-29.65	-49.30	-24.80	-22.37	-27.94	-32.10	-0.96	-361.4	+0.000
1530	-22.94	-25.69	-27.60	-28.13	-29.76	-48.54	-24.81	-22.37	-27.95	-32.10	-0.96	-361.4	+0.000
1545	-22.94	-25.68	-27.60	-28.14	-29.88	-48.66	-24.81	-22.38	-27.96	-31.78	-0.99	-299.1	+0.000
1600	-22.94	-25.69	-27.60	-28.16	-30.01	-47.42	-24.81	-22.38	-27.96	-29.10	-1.07	-091.6	+0.000
1615	-22.95	-25.69	-27.60	-28.18	-30.15	-44.85	-24.80	-22.38	-27.96	-29.10	-1.07	-091.6	+0.000
1630	-22.95	-25.70	-27.59	-28.20	-30.28	-42.39	-24.81	-22.38	-27.97	-28.26	-1.03	-65.65	+0.000
1645	-22.95	-25.70	-27.59	-28.21	-30.41	-40.27	-24.81	-22.38	-27.97	-27.66	-1.25	-39.29	+0.000
1700	-22.95	-25.70	-27.58	-28.24	-30.56	-38.18	-24.82	-22.38	-27.98	-27.14	-1.44	-17.53	+0.000
1715	-22.94	-25.69	-27.58	-28.26	-30.68	-36.54	-24.81	-22.38	-27.98	-26.73	-1.59	-22.38	+0.000
1730	-22.94	-25.69	-27.57	-28.28	-30.80	-35.18	-24.81	-22.38	-27.98	-26.35	-1.71	-24.00	+0.000
1745	-22.95	-25.70	-27.57	-28.28	-30.80	-34.11	-24.81	-22.38	-27.99	-25.92	-1.83	-26.96	+0.000
1800	-22.95	-25.70	-27.56	-28.33	-31.00	-33.30	-24.81	-22.38	-27.99	-25.72	-1.90	-19.43	+0.000
1815	-22.95	-25.70	-27.57	-28.37	-31.08	-32.34	-24.81	-22.38	-27.99	-25.67	-1.94	-17.47	+0.000
1830	-22.94	-25.69	-27.56	-28.39	-31.12	-31.65	-24.81	-22.38	-28.00	-25.28	-2.01	-1.292	+0.000
1845	-22.95	-25.70	-27.56	-28.43	-31.17	-30.95	-24.82	-22.38	-28.00	-25.67	-2.11	-18.01	+0.000
1900	-22.95	-25.70	-27.56	-28.46	-31.20	-29.06	-24.82	-22.38	-28.01	-24.67	-2.29	-25.87	+0.000
1915	-22.95	-25.70	-27.56	-28.49	-31.20	-29.06	-24.82	-22.38	-28.01	-24.67	-2.29	-25.87	+0.000
1930	-22.95	-25.70	-27.56	-28.53	-31.20	-28.21	-24.82	-22.38	-28.02	-24.47	-2.38	-30.12	+0.000
1945	-22.95	-25.71	-27.56	-28.56	-31.18	-27.45	-24.82	-22.38	-28.02	-24.18	-2.50	-31.53	+0.000
2000	-22.95	-25.71	-27.55	-28.59	-31.15	-26.81	-24.82	-22.38	-28.02	-24.18	-2.50	-31.53	+0.000
2015	-22.95	-25.71	-27.55	-28.62	-31.15	-26.81	-24.82	-22.38	-28.02	-24.18	-2.50	-31.53	+0.000
2030	-22.95	-25.71	-27.55	-28.65	-31.08	-25.81	-24.82	-22.38	-28.03	-24.34	-2.37	-32.34	+0.000
2045	-22.95	-25.70	-27.54	-28.67	-31.01	-25.31	-24.82	-22.38	-28.04	-24.16	-2.44	-30.39	+0.000
2100	-22.95	-25.71	-27.54	-28.70	-30.96	-24.91	-24.83	-22.38	-28.04	-23.92	-2.51	-30.39	+0.000
2115	-22.95	-25.71	-27.54	-28.73	-30.89	-24.53	-24.83	-22.38	-28.04	-23.67	-2.63	-31.60	+0.000
2130	-22.95	-25.71	-27.55	-28.75	-30.82	-24.22	-24.82	-22.38	-28.05	-23.28	-2.78	-31.60	+0.000
2145	-22.96	-25.71	-27.55	-28.75	-30.82	-24.22	-24.82	-22.38	-28.05	-23.06	-2.85	-32.44	+0.000
2200	-22.96	-25.71	-27.54	-28.77	-30.74	-23.88	-24.82	-22.38	-28.05	-22.56	-3.02	-36.62	+0.000
2215	-22.95	-25.71	-27.54	-28.79	-30.66	-23.45	-24.82	-22.38	-28.05	-22.36	-3.13	-46.69	+0.000
2230	-22.96	-25.71	-27.54	-28.80	-30.57	-22.90	-24.82	-22.38	-28.06	-21.81	-3.30	-51.24	+0.000
2245	-22.95	-25.71	-27.54	-28.82	-30.48	-22.41	-24.82	-22.38	-28.06	-21.28	-3.49	-52.54	+0.000
2300	-22.95	-25.71	-27.54	-28.83	-30.43	-21.88	-24.82	-22.38	-28.06	-20.79	-3.67	-52.08	+0.000
2315	-22.96	-25.71	-27.54	-28.84	-30.39	-20.71	-24.82	-22.38	-28.06	-20.24	-3.84	-51.99	+0.000
2330	-22.95	-25.71	-27.53	-28.84	-30.20	-20.12	-24.82	-22.38	-28.06	-19.78	-4.01	-51.50	+0.000
2345	-22.96	-25.72	-27.54	-28.85	-30.10	-19.56	-24.83	-22.38	-28.07	-19.30	-4.12	-50.65	+0.000
0000	-22.96	-25.72	-27.54	-28.86	-30.00	-18.66	-24.83	-22.39	-28.08	-19.11	-4.40	-50.65	+0.000
* 87 232													
0015	-22.96	-25.72	-27.54	-28.85	-29.80	-18.23	-24.83	-22.39	-28.08	-18.91	-4.51	-50.14	+0.000
0030	-22.96	-25.72	-27.55	-28.86	-29.69	-17.98	-24.83	-22.38	-28.09	-19.62	-4.48	-49.50	+0.000
0045	-22.96	-25.72	-27.55	-28.85	-29.58	-17.79	-24.83	-22.38	-28.09	-19.04	-4.48	-48.96	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
0100	-22.96	-25.72	-27.55	-28.84	-29.47	-17.59	-24.83	-22.39	-28.10	-18.91	-4.51	-48.60	+0.000
0115	-22.96	-25.72	-27.55	-28.83	-29.36	-17.31	-24.83	-22.39	-28.11	-18.55	-4.61	-48.95	+0.000
0130	-22.96	-25.72	-27.56	-28.83	-29.24	-16.97	-24.83	-22.39	-28.11	-18.26	-4.70	-48.95	+0.000
0145	-22.96	-25.72	-27.56	-28.81	-29.12	-16.63	-24.83	-22.39	-28.11	-18.01	-4.79	-48.28	+0.000
0200	-22.96	-25.72	-27.55	-28.80	-29.01	-16.33	-24.83	-22.39	-28.11	-17.98	-4.80	-48.24	+0.000
0215	-22.96	-25.73	-27.56	-28.79	-28.89	-16.08	-24.83	-22.39	-28.11	-17.78	-4.87	-48.11	+0.000
0230	-22.97	-25.73	-27.56	-28.77	-28.78	-15.87	-24.83	-22.39	-28.12	-17.49	-4.98	-47.62	+0.000
0245	-22.97	-25.73	-27.57	-28.75	-28.66	-15.70	-24.83	-22.39	-28.13	-17.40	-4.97	-46.48	+0.000
0300	-22.96	-25.72	-27.57	-28.73	-28.54	-15.63	-24.83	-22.39	-28.13	-17.12	-5.11	-38.63	+0.000
0315	-22.96	-25.73	-27.57	-28.71	-28.43	-15.43	-24.84	-22.39	-28.13	-17.01	-5.15	-29.17	+0.000
0330	-22.97	-25.73	-27.57	-28.69	-28.32	-15.22	-24.83	-22.40	-28.14	-17.21	-5.12	-26.16	+0.000
0345	-22.97	-25.73	-27.57	-28.69	-28.32	-15.22	-24.84	-22.40	-28.14	-17.30	-5.15	-26.16	+0.000
0415	-22.97	-25.73	-27.57	-28.67	-28.20	-15.76	-24.84	-22.40	-28.14	-16.78	-5.35	-28.44	+0.000
0430	-22.97	-25.74	-27.59	-28.64	-28.09	-16.04	-24.84	-22.40	-28.14	-16.18	-5.58	-27.99	+0.000
0445	-22.96	-25.73	-27.58	-28.62	-27.98	-16.07	-24.84	-22.40	-28.14	-16.21	-5.58	-27.99	+0.000
0500	-22.97	-25.73	-27.59	-28.53	-27.85	-15.86	-24.84	-22.40	-28.15	-16.45	-5.55	-36.03	+0.000
0515	-22.97	-25.73	-27.59	-28.53	-27.75	-15.86	-24.84	-22.40	-28.15	-16.45	-5.55	-36.03	+0.000
0530	-22.97	-25.73	-27.59	-28.49	-27.55	-15.00	-24.84	-22.40	-28.15	-16.41	-5.60	-39.45	+0.000
0545	-22.97	-25.73	-27.59	-28.42	-27.35	-14.74	-24.85	-22.40	-28.16	-15.09	-5.61	-28.26	+0.000
0600	-22.97	-25.73	-27.59	-28.39	-27.27	-14.89	-24.84	-22.40	-28.17	-16.29	-5.83	-29.63	+0.000
0615	-22.97	-25.74	-27.60	-28.32	-27.06	-15.15	-24.84	-22.40	-28.17	-16.13	-5.92	-24.87	+0.000
0630	-22.97	-25.74	-27.60	-28.25	-26.88	-15.42	-24.84	-22.40	-28.18	-16.52	-5.87	-21.27	+0.000
0645	-22.97	-25.74	-27.60	-28.19	-26.71	-15.77	-24.85	-22.40	-28.18	-16.41	-5.77	-19.07	+0.000
0700	-22.97	-25.74	-27.60	-28.14	-26.54	-16.86	-24.85	-22.40	-28.19	-16.19	-5.60	-1.631	+0.000
0715	-22.97	-25.74	-27.59	-28.21	-26.70	-16.25	-24.84	-22.40	-28.20	-16.37	-5.64	-07.06	+0.000
0730	-22.97	-25.74	-27.60	-28.14	-26.63	-16.86	-24.85	-22.40	-28.21	-16.94	-5.84	-14.21	+0.000
0745	-22.97	-25.74	-27.60	-28.10	-26.54	-18.35	-24.85	-22.40	-28.21	-17.87	-5.47	-14.21	+0.000
0800	-22.97	-25.74	-27.60	-28.10	-26.54	-18.35	-24.85	-22.40					

Time	1.0m 1.75m 1.75m										Air	Rel. Hum.	Net Rad.	Precip
	1.75m Soil	1.0m Soil	.5m Soil	.25m Soil	.125m Soil	Surf. Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m	PVC 1.75m				
D 1500	22.97	25.74	27.52	27.32	28.56	48.93	24.86	22.41	28.31	28.82	10.83	134.4	+0.000	
D 1515	22.97	25.74	27.51	27.33	28.79	47.56	24.87	22.41	28.31	28.87	10.83	133.7	+0.000	
D 1530	22.98	25.75	27.52	27.34	29.02	46.19	24.86	22.41	28.31	28.88	10.85	1079.0	+0.000	
D 1545	22.97	25.75	27.50	27.37	29.23	42.74	24.86	22.41	28.32	27.27	11.39	1059.0	+0.000	
D 1600	22.98	25.74	27.49	27.38	29.43	40.30	24.86	22.41	28.32	26.16	11.83	883.5	+0.000	
D 1615	22.97	25.74	27.48	27.40	29.63	38.55	24.86	22.41	28.32	25.46	12.12	57.66	+0.000	
D 1630	22.97	25.75	27.48	27.44	29.81	36.85	24.86	22.41	28.33	25.04	12.32	87.5	+0.000	
D 1645	22.97	25.74	27.47	27.46	29.97	35.90	24.86	22.41	28.33	24.60	12.56	699.1	+0.000	
D 1700	22.97	25.74	27.46	27.50	30.11	35.20	24.86	22.42	28.34	24.52	12.68	079.7	+0.000	
D 1715	22.97	25.74	27.45	27.53	30.23	34.02	24.86	22.41	28.34	23.96	13.12	45.02	+0.000	
D 1730	22.98	25.75	27.46	27.57	30.34	32.45	24.87	22.41	28.35	24.27	12.93	44.44	+0.000	
D 1745	22.98	25.75	27.44	27.61	30.41	31.90	24.87	22.42	28.35	24.74	12.68	35.52	+0.000	
D 1800	22.98	25.75	27.44	27.65	30.46	31.16	24.87	22.41	28.35	24.63	12.60	23.65	+0.000	
D 1815	22.98	25.76	27.44	27.70	30.51	30.46	24.87	22.41	28.36	24.49	12.45	10.02	+0.000	
D 1830	22.98	25.75	27.42	27.74	30.53	29.24	24.87	22.41	28.36	24.17	12.58	1.871	+0.000	
D 1845	22.98	25.76	27.42	27.78	30.54	28.51	24.87	22.42	28.36	23.71	12.71	10.07	+0.000	
D 1900	22.98	25.76	27.42	27.82	30.54	27.82	24.87	22.42	28.36	23.30	12.91	1.373	+0.000	
D 1915	22.98	25.76	27.41	27.86	30.52	27.33	24.87	22.42	28.37	22.76	13.14	1.679	+0.000	
D 1930	22.98	25.76	27.40	27.90	30.49	26.66	24.87	22.42	28.37	22.42	13.26	26.76	+0.000	
D 1945	22.98	25.76	27.40	27.94	30.46	25.64	24.87	22.42	28.37	22.29	13.27	36.67	+0.000	
D 2000	22.99	25.76	27.39	27.98	30.41	24.79	24.87	22.42	28.38	22.31	13.24	38.01	+0.000	
D 2015	22.99	25.76	27.39	28.01	30.36	24.18	24.87	22.42	28.39	21.92	13.38	31.91	+0.000	
D 2030	22.99	25.77	27.39	28.05	30.31	23.75	24.87	22.42	28.39	21.66	13.47	35.45	+0.000	
D 2045	22.99	25.76	27.38	28.08	30.23	23.27	24.88	22.43	28.39	21.66	13.47	30.58	+0.000	
D 2100	22.99	25.76	27.37	28.10	30.17	22.02	24.87	22.43	28.40	21.58	13.54	25.76	+0.000	
D 2115	22.99	25.76	27.38	28.13	30.09	22.87	24.87	22.42	28.40	21.31	13.80	26.40	+0.000	
D 2130	22.98	25.75	27.37	28.15	30.00	22.71	24.87	22.42	28.39	20.76	14.19	27.38	+0.000	
D 2145	22.99	25.77	27.37	28.19	29.92	22.41	24.87	22.42	28.39	20.47	14.29	31.45	+0.000	
D 2200	22.99	25.76	27.37	28.19	29.82	22.41	24.87	22.42	28.40	20.47	14.29	31.45	+0.000	
D 2215	22.99	25.76	27.36	28.21	29.73	21.63	24.87	22.42	28.40	20.30	14.34	36.90	+0.000	
D 2230	22.99	25.76	27.36	28.23	29.64	21.12	24.88	22.43	28.41	20.09	14.43	35.27	+0.000	
D 2245	22.99	25.76	27.36	28.24	29.54	20.88	24.88	22.43	28.42	20.07	14.43	27.84	+0.000	
D 2300	22.99	25.76	27.36	28.25	29.45	20.71	24.87	22.43	28.41	19.72	14.37	27.84	+0.000	
D 2315	22.99	25.77	27.36	28.26	29.35	20.50	24.88	22.43	28.42	19.71	14.37	25.53	+0.000	
D 2330	22.99	25.77	27.36	28.27	29.26	20.34	24.88	22.43	28.43	19.51	14.43	24.57	+0.000	
D 2345	22.99	25.77	27.36	28.27	29.16	20.19	24.88	22.43	28.43	19.54	14.42	23.79	+0.000	
D 0000	22.99	25.76	27.35	28.26	29.05	20.07	24.88	22.43	28.43	19.22	14.54	26.12	+0.000	
* 877 233														
D 0015	22.99	25.76	27.35	28.26	28.95	19.83	24.88	22.44	28.44	18.84	14.69	28.95	+0.000	
D 0030	22.99	25.77	27.36	28.26	28.86	19.39	24.88	22.43	28.44	18.72	14.77	32.37	+0.000	
D 0045	22.99	25.77	27.36	28.26	28.77	19.16	24.88	22.43	28.44	18.78	14.82	30.23	+0.000	
D 0100	22.99	25.77	27.36	28.25	28.67	19.02	24.88	22.43	28.44	18.80	14.82	29.24	+0.000	
D 0115	23.00	25.78	27.36	28.25	28.58	18.90	24.88	22.43	28.45	18.51	15.10	27.35	+0.000	
D 0130	23.00	25.78	27.36	28.24	28.48	18.83	24.88	22.43	28.45	18.51	15.10	27.35	+0.000	
D 0145	23.00	25.77	27.36	28.24	28.38	18.82	24.88	22.43	28.45	18.33	15.25	26.69	+0.000	
D 0160	23.00	25.78	27.36	28.21	28.29	18.63	24.88	22.43	28.45	18.36	15.35	30.47	+0.000	
D 0175	23.00	25.77	27.36	28.20	28.20	18.33	24.88	22.43	28.46	18.10	15.54	33.15	+0.000	
D 0230	22.99	25.77	27.36	28.18	28.10	17.95	24.89	22.44	28.47	17.66	15.75	34.00	+0.000	
D 0245	23.00	25.78	27.36	28.17	28.01	17.43	24.89	22.44	28.47	17.78	15.59	36.14	+0.000	
D 0300	23.00	25.78	27.37	28.17	27.82	17.41	24.89	22.44	28.47	17.78	15.59	36.14	+0.000	
D 0315	23.00	25.78	27.37	28.13	27.84	17.01	24.89	22.44	28.47	17.29	15.90	41.73	+0.000	
D 0330	23.00	25.78	27.37	28.11	27.75	16.43	24.89	22.44	28.48	16.61	16.56	42.45	+0.000	
D 0345	23.00	25.78	27.37	28.09	27.66	16.82	24.88	22.44	28.47	16.42	16.64	40.73	+0.000	
D 0400	23.00	25.78	27.37	28.07	27.58	15.58	24.89	22.44	28.47	16.08	16.77	41.54	+0.000	
D 0415	23.00	25.78	27.37	28.04	27.48	15.26	24.89	22.45	28.49	16.15	16.89	40.92	+0.000	
D 0430	23.00	25.78	27.38	28.03	27.40	15.04	24.89	22.44	28.49	16.17	16.80	40.8	+0.000	

Time	1.0m 1.75m 1.75m										Air	Rel. Hum.	Net Rad.	Precip
	1.75m Soil	1.0m Soil	.5m Soil	.25m Soil	.125m Soil	Surf. Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m	PVC 1.75m				
D 0445	23.00	25.78	27.37	28.00	27.30	14.69	24.89	22.45	28.50	15.65	17.17	40.39	+0.000	
D 0500	23.00	25.78	27.37	27.97	27.11	14.33	24.79	22.44	28.50	14.72	18.26	38.94	+0.000	
D 0515	23.00	25.78	27.38	27.92	27.04	13.77	24.89	22.45	28.50	14.31	19.37	36.10	+0.000	
D 0545	23.00	25.78	27.37	27.89	26.94	13.63	24.89	22.44	28.50	14.49	18.89	32.43	+0.000	
D 0600	23.00	25.78	27.37	27.86	26.85	13.65	24.89	22.45	28.51	15.14	17.92	32.69	+0.000	
D 0615	23.00	25.78	27.37	27.84	26.75	13.53	24.89	22.45	28.51	15.14	17.92	32.69	+0.000	
D 0630	23.00	25.78	27.38	27.81	26.65	13.38	24.89	22.45	28.52	15.13	17.81	36.86	+0.000	
D 0645	23.00	25.78	27.38	27.78	26.56	13.18	24.89	22.45	28.53	15.06	18.48	34.05	+0.000	
D 0700	23.00	25.78	27.37	27.74	26.46	13.06	24.89	22.45	28.54	14.84	18.51	27.38	+0.000	
D 0715	23.00	25.78	27.37	27.71	26.36	13.00	24.89	22.45	28.54	14.81	18.64	13.32	+0.000	
D 0730	23.00	25.78	27.37	27.68	26.27	13.45	24.89	22.45	28.54	15.75	17.75	34.00	+0.000	
D 0745	23.00	25.77	27.37	27.64	26.07	17.86	24.90	22.45	28.53	17.55	16.66	070.0	+0.000	
D 0800	23.00	25.78	27.37	27.44	22.44	22.44	24.89	22.45	28.54	19.47	15.64	127.4	+0.000	
D 0815	23.01	25.78	27.38	27.59	25.99	20.04	24.89	22.45	28.54	20.17	15.45	155.8	+0.000	
D 0830	23.00	25.78	27.37	27.55	25.89	22.02	24.89	22.45	28.54	20.17	15.45	155.8	+0.000	
D 0845	23.00	25.78	27.38	27.51	25.81	23.63	24.90	22.45	28.55	20.53	15.54	205.6	+0.000	
D 0900	23.00	25.78	27.38	27.48	25.75	25.81	24.90	22.45	28.55	20.53	15.54	205.6	+0.000	
D 0915	23.01	25.78	27.37	27.44	25.65	25.81	24.89	22.45	28.55	20.94	15.21	227.6	+0.000	
D 0945	23.00	25.78	27.37	27.40	25.59	30.47	24.89	22.44	28.55	21.63	14.79	247.0	+0.000	
D 1000	23.00	25.78	27.37	27.32	25.52	34.76	24.89	22.44	28.55	22.52	14.38	268.2	+0.000	
D 1015	23.00	25.78	27.37	27.29	25.51	36.78	24.89	22.45	28.55	23.11	14.08	283.4	+0.000	
D 1030	23.00	25.77	27.37	27.25	25.51	39.01	24.89	22.45	28.55	23.00	13.78	302.0	+0.000	
D 1045	23.00	25.77	27.36	27.21	25.53	41.21	24.90	22.45	28.56	24.96	13.17	342.2	+0.000	
D 1100	23.00	25.77	27.36	27.25	25.58	42.89	24.89	22.45	28.56	25.62	12.91	371.6	+0.000	
D 1115	23.01	25.78	27.36	27.14	25.65	44.27	24.89	22.45	28.56	25.78	12.87	391.5	+0.000	
D 1130	23.00	25.77	27.35	27.10	25.73	45.65	24.89	22.45	28.56	26.39	12.61	404.1	+0.000	
D 1145	23.													

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m					
D 1845	23.01	25.77	27.19	27.58	31.87	37.28	24.90	22.47	28.63	29.43	10.68	-48.99	+0.000
D 1900	23.01	25.77	27.19	27.65	31.95	36.38	24.89	22.46	28.64	29.20	10.78	-48.63	+0.000
D 1915	23.02	25.78	27.19	27.72	32.03	35.36	24.90	22.47	28.64	28.74	10.98	-15.69	+0.000
D 1930	23.01	25.77	27.18	27.77	32.08	34.05	24.90	22.47	28.65	27.33	11.73	-25.69	+0.000
D 1945	23.01	25.77	27.17	27.82	32.13	32.95	24.89	22.46	28.64	25.76	12.73	-43.18	+0.000
D 2000	23.01	25.77	27.17	27.90	32.17	31.05	24.89	22.46	28.64	24.92	12.47	-38.66	+0.000
D 2015	23.01	25.77	27.16	27.96	32.13	29.61	24.90	22.47	28.65	24.19	13.55	-53.07	+0.000
D 2030	23.01	25.77	27.16	28.02	32.12	28.33	24.90	22.47	28.65	23.51	13.93	-52.53	+0.000
D 2045	23.02	25.78	27.16	28.09	32.09	27.24	24.90	22.47	28.66	22.90	14.26	-51.84	+0.000
D 2100	23.02	25.78	27.16	28.15	32.06	26.26	24.90	22.48	28.66	22.39	14.62	-51.11	+0.000
D 2115	23.02	25.78	27.15	28.20	32.00	25.39	24.89	22.47	28.66	21.94	14.91	-49.82	+0.000
D 2130	23.02	25.78	27.14	28.25	31.92	24.65	24.90	22.47	28.66	21.61	15.13	-47.76	+0.000
D 2145	23.02	25.78	27.15	28.30	31.84	23.93	24.90	22.48	28.66	21.35	15.30	-48.99	+0.000
D 2200	23.02	25.78	27.15	28.35	31.75	23.34	24.90	22.48	28.67	21.25	15.36	-47.76	+0.000
D 2215	23.02	25.78	27.15	28.40	31.65	22.83	24.90	22.48	28.67	21.08	15.47	-46.73	+0.000
D 2230	23.02	25.78	27.14	28.43	31.53	22.37	24.89	22.48	28.67	20.87	15.63	-43.74	+0.000
D 2245	23.02	25.78	27.15	28.47	31.42	21.11	24.90	22.48	28.67	20.88	15.67	-40.70	+0.000
D 2300	23.02	25.78	27.15	28.51	31.30	21.90	24.90	22.48	28.67	20.69	15.81	-40.88	+0.000
D 2315	23.02	25.78	27.15	28.54	31.17	21.58	24.89	22.47	28.67	20.31	16.08	-41.31	+0.000
D 2330	23.02	25.78	27.16	28.57	31.04	21.19	24.89	22.48	28.67	20.05	16.32	-41.40	+0.000
D 2345	23.02	25.78	27.15	28.59	30.92	20.80	24.89	22.47	28.67	19.80	16.47	-40.70	+0.000
D 0000	23.03	25.79	27.16	28.62	30.78	20.45	24.90	22.48	28.68	19.64	16.58	-42.53	+0.000
* 87 234													
D 0015	23.03	25.78	27.16	28.63	30.64	20.01	24.90	22.48	28.68	19.10	16.92	-43.81	+0.000
D 0030	23.03	25.78	27.16	28.65	30.51	19.49	24.89	22.48	28.67	18.75	17.19	-44.08	+0.000
D 0045	23.03	25.78	27.17	28.66	30.37	19.04	24.90	22.48	28.69	18.51	17.37	-44.57	+0.000
D 0100	23.02	25.78	27.17	28.67	30.24	18.56	24.89	22.47	28.69	18.24	17.54	-45.07	+0.000
D 0115	23.02	25.78	27.17	28.67	30.10	18.09	24.89	22.48	28.69	17.50	18.21	-43.54	+0.000
D 0130	23.03	25.78	27.18	28.67	29.97	17.77	24.89	22.48	28.69	17.44	18.39	-42.13	+0.000
D 0145	23.03	25.78	27.18	28.68	29.84	17.52	24.89	22.48	28.69	17.69	18.14	-41.30	+0.000
D 0200	23.03	25.79	27.19	28.68	29.71	17.35	24.90	22.48	28.70	17.85	17.90	-39.70	+0.000
D 0215	23.03	25.78	27.19	28.67	29.57	17.37	24.89	22.49	28.70	17.68	18.00	-38.73	+0.000
D 0230	23.03	25.78	27.19	28.66	29.43	17.12	24.90	22.49	28.70	17.81	17.84	-39.17	+0.000
D 0245	23.03	25.78	27.20	28.65	29.30	17.07	24.90	22.48	28.70	17.87	17.79	-40.59	+0.000
D 0300	23.03	25.78	27.21	28.65	29.18	16.97	24.90	22.49	28.71	17.73	17.89	-41.29	+0.000
D 0315	23.04	25.79	27.22	28.64	29.05	16.80	24.90	22.49	28.71	17.60	17.97	-40.86	+0.000
D 0330	23.03	25.78	27.22	28.65	28.92	16.28	24.90	22.49	28.72	17.54	17.88	-39.91	+0.000
D 0345	23.03	25.78	27.23	28.59	28.79	16.55	24.90	22.49	28.72	17.50	17.80	-39.20	+0.000
D 0400	23.03	25.78	27.23	28.58	28.66	16.45	24.90	22.49	28.72	17.43	17.81	-38.42	+0.000
D 0415	23.03	25.78	27.23	28.55	28.53	16.33	24.90	22.49	28.72	17.28	17.87	-37.99	+0.000
D 0430	23.04	25.78	27.25	28.54	28.42	16.16	24.90	22.49	28.72	17.12	17.96	-36.17	+0.000
D 0445	23.03	25.78	27.25	28.51	28.30	16.06	24.90	22.49	28.72	17.01	18.08	-35.38	+0.000
D 0500	23.03	25.78	27.25	28.48	28.18	15.81	24.90	22.49	28.72	16.88	18.18	-34.73	+0.000
D 0515	23.04	25.78	27.26	28.46	28.07	15.54	24.90	22.50	28.72	15.95	18.34	-34.93	+0.000
D 0530	23.04	25.78	27.27	28.43	27.95	15.33	24.90	22.49	28.72	16.00	18.29	-35.87	+0.000
D 0545	23.04	25.78	27.27	28.40	27.84	15.18	24.90	22.49	28.72	16.19	18.68	-36.94	+0.000
D 0600	23.04	25.78	27.27	28.37	27.73	15.04	24.89	22.49	28.72	16.38	18.81	-38.72	+0.000
D 0615	23.04	25.78	27.28	28.34	27.63	14.40	24.90	22.50	28.73	15.05	20.35	-40.88	+0.000
D 0630	23.03	25.78	27.28	28.31	27.52	13.99	24.90	22.49	28.73	15.22	20.45	-37.28	+0.000
D 0645	23.04	25.78	27.30	28.28	27.43	13.89	24.90	22.49	28.74	15.51	20.18	-33.93	+0.000
D 0700	23.03	25.78	27.30	28.25	27.32	13.78	24.89	22.50	28.74	15.51	20.16	-33.93	+0.000
D 0715	23.03	25.78	27.30	28.21	27.21	13.78	24.90	22.50	28.75	15.50	20.36	-5.48	+0.000
D 0730	23.04	25.78	27.30	28.18	27.10	14.37	24.90	22.49	28.75	17.24	19.33	-50.01	+0.000
D 0745	23.04	25.78	27.31	28.14	27.00	16.45	24.90	22.50	28.76	18.39	18.43	-65.54	+0.000
D 0800	23.04	25.78	27.31	28.10	26.90	18.62	24.90	22.50	28.76	18.84	18.18	-092.7	+0.000
D 0815	23.04	25.78	27.32	28.07	26.80	20.76	24.90	22.50	28.77	19.70	17.71	-126.7	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m					
D 0830	23.04	25.78	27.33	28.03	26.70	22.61	24.89	22.50	28.77	20.26	17.33	-154.8	+0.000
D 0845	23.04	25.78	27.33	27.99	26.60	24.32	24.89	22.49	28.77	21.52	16.41	-172.7	+0.000
D 0900	23.03	25.78	27.33	27.95	26.51	26.38	24.89	22.50	28.76	21.33	16.90	-197.0	+0.000
D 0915	23.04	25.78	27.33	27.92	26.44	28.42	24.89	22.50	28.77	21.58	16.77	-221.9	+0.000
D 0930	23.04	25.77	27.34	27.88	26.37	30.74	24.89	22.50	28.77	22.44	16.44	-247.3	+0.000
D 0945	23.04	25.77	27.33	27.83	26.31	32.79	24.89	22.50	28.77	23.40	16.37	-269.9	+0.000
D 1000	23.03	25.77	27.33	27.79	26.27	34.71	24.89	22.50	28.76	23.09	15.71	-291.2	+0.000
D 1015	23.04	25.77	27.34	27.75	26.25	36.90	24.89	22.50	28.77	24.12	14.78	-306.2	+0.000
D 1030	23.04	25.77	27.34	27.71	26.24	39.19	24.89	22.50	28.76	24.82	14.10	-321.4	+0.000
D 1045	23.03	25.76	27.34	27.68	26.18	41.37	24.89	22.50	28.77	25.69	13.50	-347.2	+0.000
D 1100	23.03	25.77	27.34	27.63	26.30	42.77	24.89	22.50	28.77	25.61	13.27	-355.9	+0.000
D 1115	23.04	25.77	27.35	27.60	26.35	44.20	24.89	22.50	28.77	25.98	12.99	-384.6	+0.000
D 1130	23.04	25.77	27.35	27.57	26.43	46.13	24.89	22.50	28.77	26.72	12.57	-395.7	+0.000
D 1145	23.04	25.77	27.35	27.54	26.52	47.73	24.89	22.50	28.78	27.05	12.33	-405.6	+0.000
D 1200	23.03	25.76	27.34	27.49	26.63	48.97	24.89	22.50	28.77	27.60	12.01	-416.5	+0.000
D 1215	23.03	25.76	27.34	27.46	26.77	49.92	24.89	22.50	28.77	27.87	11.74	-433.5	+0.000
D 1230	23.03	25.76	27.33	27.43	26.92	50.85	24.89	22.50	28.77	27.96	11.58	-446.9	+0.000
D 1245	23.03	25.76	27.34	27.41	27.09	52.30	24.89	22.50	28.77	28.44	11.33	-451.6	+0.000
D 1300	23.04	25.76	27.34	27.39	27.28	53.35	24.89	22.50	28.78	28.80	11.12	-460.5	+0.000
D 1315	23.03	25.76	27.33	27.37	27.48	53.89	24.89	22.50	28.78	29.33	10.85	-462.1	+0.000
D 1330	23.04	25.76	27.34	27.35	27.69	53.94	24.89	22.50	28.78	29.64	10.67	-468.4	+0.000
D 1345	23.04	25.76	27.34	27.35	27.92	54.06	24.89	22.50	28.79	29.87	10.61	-446.2	+0.000
D 1400	23.04	25.76	27.33	27.34	28.15	54.50	24.89	22.50	28.79	30.16	10.41	-445.1	+0.000
D 1415	23.04	25.76	27.33	27.34	28.39	54.42	24.89	22.50	28.79	30.33	10.29	-440.8	+0.000
D 1430	23.04	25.77	27.33	27.34	28.65	54.61	24.89	22.50	28.79	31.03	10.04	-430.3	+0.000
D 1445	23.03	25.76	27.32	27.34	28.90	54.60	24.89	22.51	28.79	31.20	09.97	-413.9	+0.000
D 1500	23.04	25.76	27.32	27.36	29.16	54.64	24						



Time	1.75m			1.0m			.5m			.25m			.125m			Surf.			PVC			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil				
D 2230	23.06	25.77	27.24	28.78	31.82	20.95	24.89	22.52	28.84	19.97	14.40	-54.46	0.000												
D 2245	23.06	25.77	27.24	28.81	31.68	20.37	24.89	22.52	28.85	19.79	14.39	-52.50	0.000												
D 2300	23.06	25.77	27.24	28.84	31.54	19.92	24.88	22.52	28.84	19.64	14.45	-47.78	0.000												
D 2315	23.06	25.77	27.24	28.87	31.40	19.62	24.89	22.52	28.85	19.53	14.48	-45.85	0.000												
D 2330	23.06	25.77	27.24	28.91	31.26	19.31	24.89	22.52	28.86	19.38	14.60	-42.82	0.000												
D 2345	23.06	25.77	27.26	28.91	31.11	18.91	24.89	22.52	28.86	19.02	14.74	-40.98	0.000												
D 0000	23.06	25.77	27.25	28.93	30.96	18.64	24.89	22.53	28.86	19.13	14.79	-38.84	0.000												
D 0015	23.06	25.77	27.26	28.94	30.81	18.69	24.89	22.53	28.86	19.16	14.91	-37.28	0.000												
D 0030	23.06	25.77	27.26	28.95	30.66	18.79	24.89	22.53	28.86	18.88	15.16	-34.13	0.000												
D 0045	23.06	25.77	27.27	28.96	30.51	18.80	24.89	22.53	28.86	18.57	15.41	-34.25	0.000												
D 0100	23.06	25.77	27.27	28.96	30.35	18.69	24.89	22.53	28.86	18.20	15.77	-34.98	0.000												
D 0115	23.06	25.77	27.27	28.96	30.20	18.52	24.89	22.53	28.87	17.92	16.02	-38.93	0.000												
D 0130	23.06	25.77	27.28	28.96	30.05	18.21	24.89	22.53	28.86	17.53	16.17	-43.99	0.000												
D 0145	23.06	25.77	27.28	28.95	29.96	17.71	24.89	22.53	28.86	17.17	16.13	-44.96	0.000												
D 0200	23.06	25.77	27.29	28.95	29.77	17.31	24.90	22.53	28.88	17.08	16.43	-46.57	0.000												
D 0215	23.06	25.77	27.29	28.94	29.63	16.86	24.89	22.54	28.87	16.26	16.93	-45.06	0.000												
D 0230	23.06	25.77	27.30	28.92	29.49	16.49	24.89	22.53	28.88	15.96	17.13	-43.81	0.000												
D 0245	23.06	25.77	27.30	28.91	29.35	16.20	24.89	22.53	28.88	15.88	17.22	-46.46	0.000												
D 0300	23.06	25.77	27.31	28.90	29.23	15.85	24.89	22.54	28.89	15.76	17.28	-46.64	0.000												
D 0315	23.07	25.77	27.32	28.88	29.10	15.58	24.89	22.53	28.88	15.64	17.32	-45.81	0.000												
D 0330	23.06	25.77	27.32	28.86	28.96	15.37	24.90	22.54	28.89	15.46	17.37	-44.68	0.000												
D 0345	23.07	25.77	27.33	28.83	28.84	15.14	24.90	22.54	28.89	15.44	17.27	-43.44	0.000												
D 0400	23.07	25.78	27.34	28.82	28.72	15.00	24.90	22.53	28.89	15.50	17.61	-43.48	0.000												
D 0415	23.07	25.77	27.34	28.78	28.58	14.81	24.89	22.53	28.89	15.44	17.76	-47.20	0.000												
D 0430	23.07	25.77	27.35	28.76	28.46	14.53	24.90	22.53	28.89	15.28	17.98	-47.81	0.000												
D 0445	23.07	25.77	27.36	28.73	28.33	14.01	24.90	22.54	28.90	14.09	19.04	-47.28	0.000												
D 0500	23.07	25.77	27.36	28.70	28.21	13.43	24.90	22.54	28.90	13.58	19.86	-46.31	0.000												
D 0515	23.07	25.77	27.36	28.67	28.08	12.98	24.89	22.54	28.90	13.15	20.55	-45.11	0.000												
D 0530	23.06	25.77	27.37	28.63	27.96	12.70	24.89	22.54	28.89	13.39	20.29	-44.22	0.000												
D 0545	23.07	25.77	27.38	28.61	27.84	12.69	24.89	22.53	28.89	14.61	19.13	-43.53	0.000												
D 0600	23.07	25.77	27.38	28.56	27.71	12.88	24.90	22.54	28.91	15.20	18.33	-41.86	0.000												
D 0615	23.07	25.77	27.39	28.54	27.60	12.83	24.89	22.54	28.90	15.03	18.44	-42.55	0.000												
D 0630	23.07	25.77	27.39	28.50	27.48	12.54	24.90	22.54	28.91	13.66	19.62	-39.03	0.000												
D 0645	23.07	25.77	27.39	28.46	27.36	12.27	24.90	22.54	28.91	12.56	21.50	-20.79	0.000												
D 0700	23.07	25.77	27.41	28.43	27.24	12.27	24.90	22.54	28.92	13.48	20.89	-11.69	0.000												
D 0715	23.07	25.77	27.41	28.38	27.12	12.54	24.90	22.54	28.91	15.23	19.79	-088.6	0.000												
D 0730	23.07	25.77	27.42	28.35	27.00	13.47	24.90	22.54	28.91	15.23	19.79	-088.6	0.000												
D 0745	23.07	25.77	27.42	28.31	26.89	16.51	24.90	22.54	28.91	16.70	18.87	-134.2	0.000												
D 0800	23.07	25.77	27.42	28.26	26.78	19.65	24.90	22.55	28.93	18.10	17.67	-134.6	0.000												
D 0815	23.07	25.77	27.43	28.23	26.66	21.55	24.90	22.55	28.93	18.75	16.74	-68.99	0.000												
D 0830	23.07	25.77	27.43	28.18	26.56	21.50	24.89	22.55	28.93	18.57	16.80	-131.7	0.000												
D 0845	23.07	25.77	27.43	28.14	26.45	22.13	24.89	22.55	28.93	18.09	16.95	-68.77	0.000												
D 0900	23.07	25.77	27.44	28.10	26.37	23.22	24.89	22.55	28.94	18.61	16.70	-205.5	0.000												
D 0915	23.07	25.77	27.44	28.05	26.29	26.48	24.89	22.55	28.93	20.13	15.74	-27.3	0.000												
D 0930	23.07	25.77	27.44	28.01	26.22	29.39	24.89	22.55	28.94	21.65	14.62	-233.0	0.000												
D 0945	23.07	25.77	27.45	27.96	26.17	31.86	24.89	22.55	28.94	22.27	14.47	-259.6	0.000												
D 1000	23.07	25.77	27.45	27.92	26.13	34.19	24.89	22.54	28.94	22.44	14.30	-283.6	0.000												
D 1015	23.07	25.76	27.45	27.87	26.10	36.27	24.89	22.54	28.94	22.72	14.08	-306.9	0.000												
D 1030	23.07	25.77	27.45	27.82	26.10	38.00	24.89	22.54	28.93	23.33	13.67	-304.6	0.000												
D 1045	23.07	25.77	27.45	27.78	26.10	39.97	24.89	22.55	28.94	24.04	13.15	-336.9	0.000												
D 1100	23.07	25.77	27.45	27.74	26.13	41.18	24.89	22.55	28.94	24.05	13.10	-376.3	0.000												
D 1115	23.08	25.77	27.46	27.70	26.19	43.44	24.89	22.55	28.95	24.72	12.77	-393.6	0.000												
D 1130	23.07	25.76	27.45	27.65	26.25	45.05	24.89	22.55	28.94	24.98	12.55	-393.9	0.000												
D 1145	23.07	25.77	27.45	27.61	26.35	46.21	24.89	22.55	28.94	25.30	12.32	-393.9	0.000												
D 1200	23.07	25.76	27.45	27.58	26.45	47.17	24.89	22.54	28.94	25.57	12.13	-395.3	0.000												

Time	1.75m			1.0m			.5m			.25m			.125m			Surf.			PVC			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil					
D 1215	23.07	25.76	27.45	27.55	26.58	49.27	24.89	22.55	28.95	26.57	11.69	-456.0	0.000												
D 1230	23.07	25.76	27.44	27.52	26.73	50.43	24.89	22.55	28.95	26.82	11.54	-346.8	0.000												
D 1245	23.07	25.76	27.44	27.49	26.89	49.46	24.91	22.55	28.95	26.51	11.62	-383.0	0.000												
D 1300	23.07	25.76	27.44	27.46	27.07	49.18	24.89	22.55	28.96	26.68	11.55	-182.1	0.000												
D 1315	23.07	25.76	27.44	27.44	27.26	47.30	24.89	22.55	28.95	26.62	11.56	-214.8	0.000												
D 1330	23.07	25.76	27.44	27.42	27.47	45.44	24.89	22.55	28.97	26.37	11.66	-185.9	0.000												
D 1345	23.07	25.76	27.43	27.41	27.68	45.56	24.89	22.55	28.96	26.92	11.45	-276.9	0.000												
D 1400	23.07	25.76	27.43	27.39	27.89	46.07	24.89	22.55	28.97	27.34	11.30	-351.4	0.000												
D 1415	23.07	25.76	27.43	27.37	28.11	46.09	24.89	22.55	28.96	27.19	11.32	-313.3	0.000												
D 1430	23.07	25.76	27.43	27.35	28.33	45.66	24.90	22.55	28.96	27.64	11.19	-376.8	0.000												
D 1445	23.06	25.76	27.41	27.38	28.52	48.71	24.89	22.55	28.96	29.41	10.56	-485.7	0.000												
D 1500	23.07	25.76	27.41	27.39	28.73	51.04	24.89	22.55	28.96	29.62	10.48	-451.9	0.000												
D 1515	23.07	25.76	27.41	27.40	28.92	51.99	24.90	22.55	28.98	29.41	10.19	-325.5	0.000												
D 1530	23.08	25.77	27.41	27.42	29.10	50.25	24.89	22.55	28.97	29.74	10.37	-325.5	0.000												
D 1545	23.08	25.76	27.41	27.44	29.30	50.25	24.89	22.55	28.97	29.84	10.35	-214.3	0.000												
D 1600	23.07	25.77	27.40	27.46	29.49	48.94	24.89	22.55	28.97	29.58	10.44	-221.3	0.000												
D 1615	23.08	25.77	27.40	27.48	29.68	48.72	24.89	22.55	28.97	29.71	10.40	-332.7	0.000												
D 1630	23.08	25.77	27.39	27.																					

Time	1.75m			1.0m			1.75m			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
D 0200	23.10	-25.78	-27.32	-28.52	-28.84	-15.26	24.91	22.58	29.05	16.41	16.14	-40.55	0.000			
D 0215	23.09	-25.78	-27.32	-28.51	-28.71	-15.16	24.90	22.58	29.04	16.42	16.42	-39.83	0.000			
D 0230	23.10	-25.78	-27.32	-28.50	-28.58	-15.16	24.91	22.58	29.05	16.41	16.74	-38.53	0.000			
D 0245	23.10	-25.79	-27.34	-28.50	-28.45	-15.12	24.91	22.58	29.05	16.41	16.47	-40.59	0.000			
D 0300	23.10	-25.79	-27.34	-28.47	-28.33	-14.94	24.91	22.58	29.05	15.97	16.46	-40.49	0.000			
D 0315	23.10	-25.78	-27.34	-28.44	-28.20	-14.66	24.91	22.59	29.06	15.87	16.46	-41.08	0.000			
D 0330	23.10	-25.78	-27.33	-28.42	-28.07	-14.52	24.91	22.58	29.05	15.81	16.79	-42.13	0.000			
D 0345	23.10	-25.78	-27.34	-28.40	-27.95	-14.63	24.91	22.58	29.06	15.79	17.07	-39.14	0.000			
D 0400	23.10	-25.78	-27.34	-28.37	-27.83	-14.64	24.91	22.58	29.07	15.28	17.61	-39.14	0.000			
D 0415	23.10	-25.78	-27.35	-28.34	-27.71	-14.51	24.91	22.58	29.05	14.84	17.92	-39.40	0.000			
D 0430	23.10	-25.79	-27.35	-28.32	-27.59	-14.36	24.91	22.58	29.06	14.91	17.63	-36.03	0.000			
D 0445	23.10	-25.78	-27.35	-28.29	-27.47	-14.26	24.92	22.59	29.07	14.98	17.48	-37.86	0.000			
D 0500	23.10	-25.78	-27.36	-28.26	-27.36	-14.02	24.92	22.59	29.07	14.31	17.73	-36.00	0.000			
D 0515	23.10	-25.78	-27.36	-28.24	-27.24	-13.99	24.91	22.58	29.06	14.46	17.61	-39.05	0.000			
D 0530	23.11	-25.78	-27.36	-28.19	-27.13	-14.09	24.92	22.59	29.07	14.91	17.51	-30.06	0.000			
D 0545	23.10	-25.78	-27.36	-28.15	-27.02	-14.28	24.92	22.59	29.07	15.40	17.38	-30.52	0.000			
D 0600	23.10	-25.78	-27.36	-28.13	-26.91	-14.28	24.92	22.59	29.08	15.14	17.85	-34.39	0.000			
D 0615	23.10	-25.78	-27.37	-28.08	-26.81	-14.17	24.91	22.59	29.07	14.83	18.15	-33.93	0.000			
D 0630	23.10	-25.78	-27.37	-28.04	-26.70	-14.02	24.91	22.59	29.08	14.66	18.40	-34.03	0.000			
D 0645	23.10	-25.78	-27.37	-28.01	-26.61	-13.95	24.92	22.59	29.09	14.79	18.64	-26.29	0.000			
D 0700	23.10	-25.79	-27.38	-27.98	-26.51	-14.17	24.92	22.59	29.09	15.03	18.57	-10.38	0.000			
D 0715	23.10	-25.78	-27.38	-27.93	-26.41	-14.68	24.92	22.59	29.10	15.56	18.32	1.362	0.000			
D 0730	23.10	-25.79	-27.37	-27.89	-26.32	-15.18	24.92	22.59	29.10	15.41	18.31	07.74	0.000			
D 0745	23.11	-25.78	-27.38	-27.86	-26.23	-15.54	24.92	22.59	29.11	14.84	18.72	15.84	0.000			
D 0800	23.10	-25.78	-27.38	-27.82	-26.14	-16.12	24.91	22.59	29.10	15.40	18.59	36.96	0.000			
D 0815	23.10	-25.79	-27.38	-27.78	-26.06	-17.40	24.92	22.60	29.11	16.53	17.98	48.45	0.000			
D 0830	23.11	-25.78	-27.38	-27.74	-25.98	-18.35	24.91	22.59	29.11	17.35	17.84	109.4	0.000			
D 0845	23.10	-25.79	-27.38	-27.69	-25.90	-20.14	24.91	22.59	29.11	18.11	17.38	145.8	0.000			
D 0900	23.11	-25.79	-27.39	-27.66	-25.83	-21.63	24.91	22.59	29.11	19.14	16.91	181.7	0.000			
D 0915	23.10	-25.78	-27.38	-27.62	-25.75	-25.29	24.91	22.59	29.11	20.37	16.13	228.3	0.000			
D 0930	23.10	-25.78	-27.39	-27.57	-25.70	-28.36	24.92	22.59	29.11	20.18	16.18	239.4	0.000			
D 0945	23.10	-25.78	-27.39	-27.54	-25.65	-30.59	24.91	22.59	29.11	20.52	16.18	258.4	0.000			
D 1000	23.10	-25.79	-27.39	-27.50	-25.61	-32.47	24.91	22.59	29.11	20.91	15.98	281.7	0.000			
D 1015	23.11	-25.79	-27.39	-27.45	-25.59	-34.61	24.92	22.59	29.11	21.75	15.47	299.3	0.000			
D 1030	23.11	-25.78	-27.39	-27.41	-25.58	-36.72	24.91	22.59	29.11	21.51	15.02	321.3	0.000			
D 1045	23.11	-25.78	-27.39	-27.37	-25.58	-38.62	24.91	22.59	29.11	23.01	14.69	348.1	0.000			
D 1100	23.10	-25.78	-27.37	-27.32	-25.60	-40.46	24.91	22.58	29.10	23.79	14.25	373.3	0.000			
D 1115	23.10	-25.78	-27.38	-27.29	-25.65	-42.42	24.91	22.60	29.11	24.42	13.91	381.3	0.000			
D 1130	23.10	-25.78	-27.38	-27.26	-25.71	-44.48	24.92	22.60	29.12	25.44	13.36	400.8	0.000			
D 1145	23.10	-25.78	-27.37	-27.21	-25.88	-45.79	24.91	22.59	29.12	25.70	13.52	396.3	0.000			
D 1150	23.10	-25.78	-27.38	-27.18	-25.90	-47.55	24.92	22.60	29.13	26.21	12.91	424.3	0.000			
D 1155	23.10	-25.78	-27.37	-27.15	-26.03	-48.09	24.91	22.59	29.11	26.11	12.94	436.8	0.000			
D 1200	23.10	-25.78	-27.37	-27.12	-26.18	-49.22	24.91	22.59	29.11	26.79	12.65	455.3	0.000			
D 1245	23.10	-25.78	-27.36	-27.09	-26.34	-50.19	24.91	22.60	29.12	27.12	12.34	467.5	0.000			
D 1300	23.10	-25.78	-27.36	-27.07	-26.52	-50.48	24.91	22.60	29.12	27.59	12.52	479.7	0.000			
D 1315	23.10	-25.78	-27.36	-27.05	-26.71	-51.18	24.91	22.60	29.12	27.78	11.86	468.2	0.000			
D 1330	23.10	-25.77	-27.34	-27.03	-26.92	-51.65	24.91	22.59	29.12	27.72	11.83	464.6	0.000			
D 1345	23.10	-25.78	-27.34	-27.02	-27.14	-52.00	24.91	22.60	29.12	28.33	11.53	454.7	0.000			
D 1400	23.10	-25.78	-27.34	-27.00	-27.37	-52.97	24.91	22.59	29.12	28.96	11.20	438.3	0.000			
D 1415	23.10	-25.78	-27.34	-27.00	-27.60	-53.65	24.91	22.59	29.12	29.47	11.17	423.8	0.000			
D 1430	23.10	-25.78	-27.33	-27.00	-27.85	-53.88	24.91	22.59	29.12	29.44	10.87	418.5	0.000			
D 1445	23.11	-25.78	-27.33	-27.01	-28.10	-54.48	24.92	22.59	29.12	30.39	10.49	410.0	0.000			
* 87 245																
D 1015	23.37	-26.01	-27.73	-28.07	-26.54	-33.72	25.19	22.99	30.36	23.71	-15.52	246.1	0.000			
D 1030	23.37	-26.01	-27.73	-28.03	-26.53	-35.57	25.19	22.99	30.36	24.78	-16.0	0.000	0.000			
D 1045	23.37	-26.01	-27.74	-27.99	-26.53	-37.51	25.19	22.99	30.36	25.55	-14.00	265.4	0.000			

Time	1.75m			1.0m			1.75m			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
D 1100	23.37	-26.01	-27.73	-27.95	-26.54	-39.58	25.20	22.99	30.37	26.19	13.41	-311.2	0.000			
D 1115	23.38	-26.02	-27.74	-27.92	-26.58	-41.70	25.19	22.99	30.36	26.82	12.90	-327.2	0.000			
D 1130	23.37	-26.01	-27.74	-27.89	-26.63	-43.47	25.20	22.99	30.37	27.54	12.53	-344.3	0.000			
D 1145	23.37	-26.01	-27.74	-27.86	-26.69	-45.05	25.19	22.99	30.37	28.24	12.08	-353.7	0.000			
D 1200	23.37	-26.01	-27.73	-27.81	-26.78	-46.51	25.20	23.00	30.38	28.74	11.76	-360.6	0.000			
D 1215	23.36	-26.01	-27.73	-27.78	-26.89	-48.17	25.20	22.99	30.39	29.34	11.46	-374.0	0.000			
D 1230	23.37	-26.01	-27.73	-27.76	-27.01	-49.64	25.20	22.99	30.38	30.27	11.04	-386.8	0.000			
D 1245	23.37	-26.01	-27.72	-27.73	-27.15	-50.40	25.19	22.99	30.38	30.63	10.88	-390.1	0.000			
D 1300	23.37	-26.01	-27.72	-27.70	-27.38	-51.18	25.19	22.99	30.38	30.92	10.72	-418.8	0.000			
D 1315	23.37	-26.01	-27.72	-27.69	-27.49	-52.21	25.20	22.99	30.38	31.51	10.43	-347.8	0.000			
D 1330	23.37	-26.02	-27.72	-27.67	-27.68	-50.32	25.20	22.99	30.38	30.97	10.57	-117.2	0.000			
D 1345	23.37	-26.01	-27.71	-27.65	-27.88	-46.48	25.19	22.98	30.37	29.65	11.12	62.18	0.000			
D 1400	23.37	-26.01	-27.71	-27.64	-28.09	-42.53	25.20	22.99	30.38	26.55	16.61	53.86	0.000			
D 1415	23.37	-26.01	-27.71	-27.64	-28.32	-35.72	25.20	22.99	30.38	24.38	17.12	078.4	0.000			
D 1430	23.38	-26.02	-27.70	-27.64	-28.53	-31.81	25.19	22.99	30.38	25.29	15.17	077.5	0.000			
D 1445	23.37	-26.01	-27.69	-27.63	-28.74	-31.06	25.20	22.99	30.38	26.23	13.98	076.2	0.000			
D 1500	23.37	-26.02	-27.69	-27.65	-28.94	-29.63	25.20	22.99	30.38	25.50	15.05	256.9	0.000			
D 1515	23.37	-26.01	-27.68	-27.65	-29.10	-28.01	25.20	22.99	30.40	25.54	15.08	278.1	0.000			
D 1530	23.37	-26.01	-27.68	-27.66	-29.26	-30.63	25.20	23.00	30.40	26.80	13.95	263.4	0.000			
D 1545	23.38	-26.02	-27.68	-27.66	-29.37	-31.41	25.20	23.00	30.39	27.23	13.38	252.4	0.000			
D 1600	23.38	-26.02	-27.67	-27.70	-29.46	-31.32	25.20	22.99	30.39	26.91	12.97	122.4	0.000			
D 1615	23.37	-26.01	-27.66	-27.72	-29.52	-30.33	25.20	23.00	30.40	25.87	13.32	083.2	0.000			
D 1630	23.38	-26.02	-27.66	-27.74	-29.57	-29.88	25.20	23.00	30.40	26.15	13.05	099.5	0.000			
D 1645	23.38	-26.02	-27.66	-27.77	-29.60	-30.22	25.20	23.00	30.40	26.74	12.60	103.8	0.000			
D 1700	23.38	-26.02	-27.65	-27.79	-29.62	-30.43	25.20	23.00	30.40	26.95	12.11	106.9	0.000			
D 1715	23.38	-26.02	-27.65	-27.82	-29.63	-30.77	25.21	23.00	30.41	27.01	12.25	080.6	0.000			
D																

Time	1.0m 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m Soil	1.0m Soil	.5m Soil	.25m Soil	.125m Soil	Surf. Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m	Air			
0045	23.41	26.04	27.56	28.14	28.15	17.99	25.22	23.02	30.44	20.64	-15.72	-38.50	+0.000
0100	23.41	26.03	27.56	28.12	28.05	17.66	25.22	23.02	30.44	20.47	-15.88	-38.17	+0.000
0115	23.41	26.03	27.56	28.11	27.97	17.37	25.22	23.02	30.44	20.30	-16.01	-37.92	+0.000
0130	23.41	26.03	27.56	28.10	27.88	17.07	25.22	23.02	30.44	20.13	-16.16	-37.67	+0.000
0145	23.40	26.03	27.56	28.08	27.79	16.92	25.22	23.02	30.44	20.02	-16.30	-37.42	+0.000
0200	23.40	26.03	27.56	28.06	27.70	16.63	25.22	23.02	30.45	20.53	-16.20	-39.06	+0.000
0215	23.41	26.03	27.56	28.05	27.61	16.44	25.22	23.02	30.45	20.00	-16.86	-38.54	+0.000
0230	23.41	26.04	27.56	28.03	27.53	16.36	25.22	23.02	30.45	19.87	-17.16	-38.71	+0.000
0245	23.41	26.04	27.56	28.01	27.44	16.19	25.22	23.02	30.45	19.71	-17.59	-39.09	+0.000
0300	23.41	26.03	27.55	27.97	27.25	16.06	25.22	23.02	30.46	19.39	-18.02	-39.24	+0.000
0315	23.41	26.04	27.55	27.95	27.16	16.00	25.22	23.02	30.46	19.70	-18.16	-39.24	+0.000
0330	23.41	26.04	27.55	27.93	27.07	16.03	25.22	23.02	30.46	19.32	-18.38	-39.66	+0.000
0345	23.41	26.04	27.55	27.92	26.98	15.93	25.22	23.02	30.46	19.15	-18.53	-39.66	+0.000
0400	23.41	26.03	27.55	27.90	26.89	15.73	25.22	23.02	30.46	19.28	-19.75	-39.46	+0.000
0415	23.41	26.03	27.54	27.87	26.81	15.59	25.22	23.02	30.46	19.40	-19.55	-39.77	+0.000
0430	23.41	26.04	27.55	27.82	26.72	15.64	25.22	23.02	30.46	19.59	-19.32	-40.29	+0.000
0445	23.41	26.04	27.55	27.80	26.64	15.69	25.22	23.02	30.47	19.65	-18.70	-40.44	+0.000
0500	23.41	26.04	27.55	27.80	26.64	15.69	25.22	23.02	30.47	19.56	-18.34	-40.72	+0.000
0515	23.42	26.04	27.55	27.77	26.56	15.64	25.22	23.02	30.48	19.63	-17.85	-40.94	+0.000
0530	23.41	26.04	27.54	27.74	26.47	15.60	25.22	23.02	30.48	19.39	-17.91	-41.09	+0.000
0545	23.42	26.04	27.55	27.71	26.39	15.52	25.22	23.02	30.48	18.77	-18.30	-40.86	+0.000
0600	23.42	26.03	27.55	27.68	26.31	15.28	25.22	23.02	30.48	18.77	-18.50	-40.10	+0.000
0615	23.42	26.03	27.54	27.64	26.23	14.90	25.22	23.02	30.47	18.19	-18.42	-38.45	+0.000
0630	23.42	26.04	27.54	27.62	26.16	14.62	25.22	23.02	30.47	18.01	-18.53	-34.81	+0.000
0645	23.42	26.04	27.54	27.59	26.08	14.44	25.22	23.02	30.47	18.05	-18.42	-27.12	+0.000
0700	23.42	26.04	27.54	27.57	26.00	14.37	25.22	23.02	30.48	18.75	-17.93	-30.96	+0.000
0715	23.42	26.04	27.54	27.53	25.94	14.63	25.22	23.02	30.48	18.75	-17.93	-33.24	+0.000
0730	23.42	26.04	27.54	27.49	25.87	15.62	25.22	23.02	30.48	19.73	-17.91	-37.54	+0.000
0745	23.42	26.04	27.53	27.46	25.79	17.19	25.22	23.02	30.49	21.51	-15.85	-38.28	+0.000
0800	23.42	26.04	27.53	27.43	25.71	18.81	25.22	23.02	30.49	22.10	-15.34	-40.55	+0.000
0815	23.42	26.03	27.52	27.35	25.58	21.64	25.22	23.02	30.48	22.78	-14.71	-42.53	+0.000
0830	23.42	26.04	27.52	27.32	25.51	23.16	25.22	23.02	30.49	24.45	-14.21	-45.39	+0.000
0845	23.42	26.04	27.52	27.32	25.51	23.16	25.22	23.02	30.49	24.20	-13.63	-47.84	+0.000
0900	23.42	26.04	27.52	27.28	25.46	25.19	25.22	23.02	30.49	24.49	-13.28	-48.65	+0.000
0915	23.43	26.04	27.52	27.25	25.40	26.88	25.22	23.02	30.49	24.80	-13.09	-50.44	+0.000
0930	23.42	26.04	27.51	27.22	25.33	28.06	25.22	23.02	30.49	25.03	-13.02	-51.53	+0.000
0945	23.42	26.03	27.51	27.17	25.23	30.06	25.22	23.02	30.49	25.03	-13.02	-51.53	+0.000
1000	23.42	26.03	27.51	27.15	25.23	31.92	25.22	23.02	30.49	25.89	-12.48	-50.73	+0.000
1015	23.42	26.04	27.50	27.11	25.31	33.67	25.22	23.02	30.49	26.23	-12.28	-52.05	+0.000
1030	23.42	26.03	27.50	27.08	25.32	35.18	25.22	23.02	30.50	26.63	-12.11	-56.22	+0.000
1045	23.42	26.03	27.49	27.04	25.35	36.66	25.22	23.02	30.50	26.86	-12.03	-58.54	+0.000
1100	23.42	26.03	27.49	27.01	25.39	38.04	25.22	23.02	30.50	27.55	-11.74	-62.15	+0.000
1115	23.42	26.03	27.49	26.98	25.45	39.59	25.22	23.02	30.50	28.20	-11.41	-65.44	+0.000
1130	23.42	26.04	27.48	26.94	25.52	41.50	25.22	23.02	30.50	27.82	-11.55	-69.99	+0.000
1145	23.42	26.03	27.47	26.91	25.60	41.50	25.22	23.02	30.50	27.69	-11.54	-70.65	+0.000
1200	23.43	26.03	27.47	26.89	25.67	43.00	25.22	23.02	30.50	26.78	-11.86	-72.89	+0.000
1215	23.42	26.02	27.46	26.86	25.83	38.64	25.22	23.02	30.50	26.78	-11.86	-72.89	+0.000
1230	23.43	26.03	27.45	26.82	26.09	34.68	25.22	23.02	30.50	25.59	-12.30	-71.22	+0.000
1245	23.43	26.03	27.45	26.82	26.09	34.68	25.22	23.02	30.50	25.59	-12.30	-71.22	+0.000
1300	23.43	26.03	27.44	26.80	26.24	33.26	25.22	23.02	30.50	25.99	-12.15	-73.00	+0.000
1315	23.42	26.03	27.44	26.78	26.24	33.26	25.22	23.02	30.49	26.99	-11.79	-76.44	+0.000
1330	23.43	26.03	27.43	26.75	26.53	35.97	25.22	23.02	30.49	26.99	-11.79	-76.44	+0.000
1345	23.43	26.03	27.43	26.75	26.53	35.97	25.22	23.02	30.50	27.15	-11.70	-72.64	+0.000
1360	23.43	26.03	27.43	26.75	26.53	35.97	25.22	23.02	30.50	27.15	-11.70	-72.64	+0.000
1375	23.43	26.03	27.42	26.75	26.80	36.78	25.22	23.02	30.50	27.77	-11.45	-43.75	+0.000
1415	23.43	26.03	27.41	26.74	26.93	38.22	25.22	23.02	30.50	28.41	-11.19	-44.83	+0.000
1430	23.43	26.03	27.40	26.74	27.04	41.03	25.22	23.02	30.50	28.41	-11.19	-44.83	+0.000

Time	1.0m 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m Soil	1.0m Soil	.5m Soil	.25m Soil	.125m Soil	Surf. Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m	Air			
1445	23.43	26.03	27.40	26.74	27.15	42.27	25.22	23.04	30.50	28.30	-11.22	-378.6	+0.000
1500	23.43	26.03	27.39	26.74	27.26	41.77	25.22	23.02	30.51	28.55	-11.11	-388.4	+0.000
1515	23.43	26.03	27.38	26.75	27.36	41.37	25.22	23.02	30.51	28.19	-11.25	-338.8	+0.000
1530	23.43	26.03	27.38	26.76	27.48	41.78	25.22	23.04	30.51	28.61	-11.09	-398.8	+0.000
1545	23.43	26.03	27.37	26.77	27.61	41.78	25.22	23.04	30.51	28.30	-11.20	-364.6	+0.000
1600	23.43	26.03	27.37	26.78	27.71	41.33	25.22	23.04	30.50	28.17	-11.24	-332.7	+0.000
1615	23.43	26.03	27.36	26.78	27.71	41.33	25.22	23.04	30.50	28.24	-11.24	-357.5	+0.000
1630	23.43	26.03	27.35	26.79	27.83	40.80	25.22	23.04	30.50	28.22	-11.16	-266.4	+0.000
1645	23.43	26.03	27.35	26.80	27.96	39.72	25.22	23.04	30.50	28.55	-11.01	-272.1	+0.000
1700	23.43	26.03	27.33	26.81	28.08	39.67	25.22	23.04	30.51	28.48	-11.03	-244.1	+0.000
1715	23.43	26.03	27.32	26.84	28.21	39.60	25.22	23.04	30.51	27.87	-11.24	-487.8	+0.000
1730	23.43	26.03	27.32	26.84	28.21	39.60	25.22	23.04	30.51	27.48	-11.41	-145.1	+0.000
1745	23.43	26.03	27.31	26.80	28.45	37.14	25.22	23.04	30.51	27.88	-11.56	-694.8	+0.000
1800	23.43	26.03	27.31	26.90	28.57	36.01	25.22	23.04	30.50	26.74	-11.70	-908.5	+0.000
1815	23.43	26.03	27.29	26.95	28.68	34.77	25.22	23.04	30.51	25.95	-12.00	-37.48	+0.000
1830	23.44	26.03	27.28	26.98	28.77	33.27	25.22	23.04	30.51	25.61	-12.17	-49.91	+0.000
1845	23.44	26.03	27.28	26.98	28.87	31.70	25.22	23.04	30.51	25.01	-12.50	-26.79	+0.000
1900	23.44	26.03	27.28	26.98	28.97	30.35	25.22	23.04	30.51	24.42	-12.49	-32.32	+0.000
1915	23.44	26.03	27.27	27.08	29.03	28.80	25.22	23.05	30.52	23.76	-12.72	-47.38	+0.000
1930	23.44	26.03	27.26	27.10	29.14	25.79	25.22	23.05	30.52	22.90	-13.03	-52.03	+0.000
1945	23.44	26.03	27.26	27.10	29.14	25.79	25.22	23.05	30.52	22.90	-13.03	-52.03	+0.000
2000	23.44	26.03	27.24	27.16	29.18	23.25	25.22	23.05	30.52	22.91	-13.17	-51.46	+0.000
2015	23.45	26.04	27.24	27.20	29.18	22.39	25.22	23.05	30.52	22.91	-13.17	-51.46	+0.000
2030	23.45	26.04	27.24	27.20	29.18	22.39	25.22	23.05	30.52	22.91	-13.17	-51.46	+0.000
2045	23.44	26.03	27.22	27.26	29.10	20.14	25.22	23.05	30.51	20.48	-13.94	-49.36	+0.000
2100	23.45	26.04	27.22	27.26	29.								



Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 0430	23.46	26.03	27.16	27.23	25.82	11.20	25.23	23.07	30.56	14.02	16.86	-37.56	+0.000
D 0445	23.46	26.03	27.16	27.20	25.71	11.03	25.23	23.07	30.56	14.13	16.80	-36.69	+0.000
D 0500	23.47	26.03	27.16	27.17	25.60	10.73	25.24	23.07	30.56	14.07	16.78	-37.11	+0.000
D 0515	23.47	26.03	27.16	27.14	25.50	10.55	25.23	23.07	30.56	13.86	16.89	-35.69	+0.000
D 0530	23.46	26.03	27.16	27.10	25.39	10.48	25.23	23.07	30.55	13.30	17.25	-36.61	+0.000
D 0545	23.47	26.03	27.16	27.07	25.29	10.24	25.23	23.08	30.55	12.90	17.47	-36.12	+0.000
D 0600	23.47	26.03	27.16	27.03	25.18	09.89	25.22	23.07	30.53	12.51	17.68	-35.68	+0.000
D 0615	23.47	26.03	27.15	27.00	25.08	09.68	25.23	23.07	30.53	12.47	17.75	-35.25	+0.000
D 0630	23.47	26.03	27.15	26.97	24.98	09.50	25.23	23.08	30.51	12.16	17.88	-34.95	+0.000
D 0645	23.47	26.03	27.15	26.93	24.87	09.38	25.23	23.08	30.47	12.11	17.98	-34.50	+0.000
D 0700	23.48	26.03	27.15	26.90	24.77	09.33	25.23	23.08	30.44	12.19	18.14	-35.90	+0.000
D 0715	23.48	26.03	27.15	26.86	24.68	09.57	25.23	23.08	30.40	12.31	18.17	-35.27	+0.000
D 0730	23.48	26.03	27.15	26.82	24.58	10.06	25.23	23.08	30.37	12.50	18.06	-0.782	+0.000
D 0745	23.47	26.03	27.14	26.78	24.48	10.90	25.23	23.08	30.35	13.20	17.72	-0.833	+0.000
D 0800	23.47	26.03	27.14	26.74	24.38	11.96	25.22	23.07	30.31	14.18	17.25	-26.71	+0.000
D 0815	23.47	26.03	27.15	26.70	24.29	13.67	25.23	23.08	30.29	14.71	16.97	-68.65	+0.000
D 0830	23.48	26.03	27.14	26.66	24.19	15.42	25.23	23.08	30.28	15.90	16.46	-113.3	+0.000
D 0845	23.47	26.03	27.14	26.61	24.10	17.47	25.22	23.08	30.26	16.74	16.20	-143.7	+0.000
D 0900	23.47	26.02	27.14	26.57	24.01	20.16	25.22	23.08	30.25	17.68	15.88	-163.8	+0.000
D 0915	23.48	26.02	27.13	26.53	23.94	22.72	25.23	23.08	30.25	19.27	15.63	-182.7	+0.000
D 0930	23.48	26.02	27.13	26.50	23.84	25.48	25.23	23.08	30.25	18.43	15.38	-215.8	+0.000
D 0945	23.48	26.02	27.13	26.45	23.81	27.44	25.22	23.08	30.26	19.50	14.99	-235.8	+0.000
D 1000	23.48	26.02	27.13	26.40	23.77	29.90	25.22	23.08	30.28	20.31	14.59	-256.9	+0.000
D 1015	23.47	26.02	27.13	26.36	23.74	32.17	25.22	23.08	30.29	21.14	14.02	-282.1	+0.000
D 1030	23.47	26.01	27.12	26.32	23.73	33.82	25.22	23.08	30.49	21.16	13.97	-311.5	+0.000
D 1045	23.47	26.01	27.12	26.27	23.73	35.84	25.22	23.08	30.55	21.56	13.75	-327.7	+0.000
D 1100	23.47	26.01	27.10	26.23	23.77	37.37	25.22	23.08	30.38	22.19	13.42	-353.5	+0.000
D 1115	23.47	26.01	27.11	26.19	23.82	39.25	25.21	23.07	30.39	22.85	13.16	-377.0	+0.000
D 1130	23.48	26.01	27.10	26.15	23.90	40.83	25.21	23.07	30.42	23.42	12.94	-390.6	+0.000
D 1145	23.48	26.01	27.09	26.11	23.99	42.26	25.22	23.08	30.44	23.89	12.72	-398.6	+0.000
D 1200	23.48	26.01	27.06	26.06	24.08	44.46	25.22	23.08	30.47	24.16	12.45	-407.9	+0.000
D 1215	23.48	26.01	27.08	26.04	24.24	45.23	25.22	23.08	30.46	25.32	12.17	-421.3	+0.000
D 1230	23.47	26.00	27.07	26.01	24.39	46.43	25.21	23.08	30.47	25.62	12.04	-429.0	+0.000
D 1245	23.47	26.00	27.07	25.98	24.56	47.38	25.22	23.08	30.48	25.80	11.99	-430.8	+0.000
D 1300	23.48	26.01	27.07	25.96	24.75	48.27	25.21	23.08	30.48	26.01	11.93	-441.4	+0.000
D 1315	23.48	26.01	27.05	25.92	24.95	48.97	25.21	23.08	30.51	26.13	11.81	-448.2	+0.000
D 1330	23.48	26.00	27.05	25.92	25.17	50.42	25.21	23.08	30.48	27.38	11.43	-413.7	+0.000
D 1345	23.48	26.00	27.05	25.91	25.40	51.27	25.21	23.08	30.49	27.75	11.28	-416.3	+0.000
D 1400	23.48	26.00	27.04	25.89	25.63	50.64	25.21	23.08	30.50	27.69	11.30	-407.9	+0.000
D 1415	23.48	26.00	27.03	25.88	25.88	50.74	25.21	23.08	30.50	27.67	11.31	-381.3	+0.000
D 1430	23.47	26.00	27.03	25.88	26.13	51.16	25.21	23.08	30.49	28.10	11.15	-388.6	+0.000
D 1445	23.48	25.99	27.01	25.88	26.39	51.14	25.21	23.08	30.50	28.18	11.13	-328.6	+0.000
D 1500	23.48	26.00	27.00	25.89	26.66	50.10	25.21	23.08	30.49	28.02	11.18	-233.5	+0.000
D 1515	23.48	25.99	26.99	25.90	26.92	48.31	25.21	23.08	30.51	27.76	11.28	-206.1	+0.000
D 1530	23.48	25.99	26.99	25.92	27.20	47.41	25.21	23.08	30.51	27.79	11.28	-189.0	+0.000
D 1545	23.48	25.99	26.98	25.92	27.46	45.93	25.20	23.08	30.51	27.71	11.31	-188.2	+0.000
D 1600	23.48	26.00	26.97	25.96	27.71	44.58	25.21	23.08	30.51	27.51	11.41	-164.2	+0.000
D 1615	23.48	25.99	26.96	25.99	27.96	43.06	25.20	23.08	30.50	27.36	11.47	-140.5	+0.000
D 1630	23.49	25.99	26.95	26.02	28.19	42.05	25.20	23.08	30.50	27.36	11.44	-116.0	+0.000
D 1645	23.48	25.99	26.94	26.06	28.41	40.35	25.20	23.08	30.51	26.70	11.67	-57.61	+0.000
D 1700	23.48	25.99	26.93	26.10	28.66	38.64	25.20	23.08	30.51	26.46	11.79	-23.73	+0.000
D 1715	23.48	25.99	26.92	26.14	28.80	36.72	25.20	23.08	30.51	26.05	11.93	+6.689	+0.000
D 1730	23.49	25.99	26.92	26.19	28.96	34.96	25.20	23.09	30.51	25.80	12.01	-07.12	+0.000
D 1745	23.49	25.99	26.92	26.24	29.11	33.51	25.20	23.08	30.51	25.61	12.09	-13.47	+0.000
D 1800	23.49	25.99	26.90	26.29	29.24	32.32	25.20	23.08	30.50	25.70	12.05	-5.869	+0.000
D 1815	23.49	25.99	26.89	26.34	29.35	31.39	25.21	23.09	30.51	25.79	12.02	-5.982	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 1830	23.49	25.99	26.88	26.39	29.42	30.45	25.20	23.09	30.52	25.21	12.30	-08.00	+0.000
D 1845	23.49	25.99	26.87	26.44	29.48	29.35	25.21	23.09	30.52	24.63	12.53	-21.81	+0.000
D 1900	23.49	25.99	26.87	26.50	29.53	28.19	25.21	23.09	30.52	24.07	12.78	-33.76	+0.000
D 1915	23.49	25.99	26.86	26.55	29.55	27.03	25.20	23.09	30.51	23.53	12.99	-43.62	+0.000
D 1930	23.49	25.99	26.85	26.61	29.56	25.20	25.20	23.09	30.51	22.24	13.23	-48.83	+0.000
D 1945	23.49	25.99	26.84	26.66	29.55	24.73	25.20	23.09	30.52	22.26	13.53	-48.97	+0.000
D 2000	23.50	25.99	26.84	26.71	29.53	23.76	25.20	23.10	30.52	21.81	13.69	-47.71	+0.000
D 2015	23.50	26.00	26.84	26.77	29.50	22.96	25.20	23.09	30.52	21.50	13.78	-47.49	+0.000
D 2030	23.50	25.99	26.82	26.81	29.44	22.13	25.20	23.10	30.55	20.54	14.19	-66.50	+0.000
D 2045	23.48	25.99	26.81	26.83	29.48	21.15	25.20	23.09	30.52	19.57	14.67	-45.75	+0.000
D 2100	23.50	25.99	26.82	26.90	29.32	20.72	25.19	23.09	30.50	19.36	14.91	-44.23	+0.000
D 2115	23.50	25.99	26.81	26.94	29.24	20.34	25.20	23.09	30.51	19.75	14.77	-44.26	+0.000
D 2130	23.50	25.99	26.81	26.98	29.15	20.05	25.20	23.09	30.51	19.82	14.78	-44.01	+0.000
D 2145	23.50	25.98	26.80	27.01	29.05	19.68	25.20	23.09	30.51	19.52	14.92	-43.59	+0.000
D 2200	23.51	25.99	26.80	27.09	28.95	19.39	25.20	23.09	30.51	19.47	14.98	-43.04	+0.000
D 2215	23.51	25.99	26.80	27.08	28.85	18.99	25.19	23.09	30.51	19.35	15.09	-42.58	+0.000
D 2230	23.50	25.99	26.79	27.10	28.73	18.74	25.20	23.10	30.52	19.42	15.07	-42.38	+0.000
D 2245	23.50	25.98	26.79	27.12	28.62	18.59	25.20	23.10	30.51	19.67	14.98	-41.72	+0.000
D 2300	23.51	25.99	26.79	27.15	28.51	18.43	25.19	23.10	30.52	19.58	15.01	-40.58	+0.000
D 2315	23.51	25.98	26.79	27.17	28.39	17.95	25.20	23.10	30.52	18.56	15.45	-41.82	+0.000
D 2330	23.51	25.99	26.79	27.18	28.28	17.44	25.20	23.10	30.51	18.36	15.57	-39.80	+0.000
D 2345	23.51	25.98	26.78	27.19	28.16	17.16	25.20	23.10	30.52	18.42	15.53	-40.45	+0.000
D 0000	23.51	25.98	26.78	27.20	28.04	16.82	25.19	23.10	30.52	18.36	15.47	-39.57	+0.000
* 87 248													
D 0015	23.51	25.98	26.78	27.20	27.92	16.65	25.19	23.10	30.52	18.37	15.50	-39.91	+0.000
D 0030	23.51	25.98	26.78	27.21	27.80	16.53	25.19	23.10	30.52	18.40	15.49	-31.18	+0.000
D 0045	23.51	25.98	26.78	27.21	27.69	16.71	25.19	23.10	30.				

Time	1.75m			1.0m			.5m			.25m			.125m			Surf.			PVC			PVC			PVC			Air			Rel. Hum.			Net Rad.			Precip		
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m	1.0m	1.75m	1.0m	Hum.	Hum.	Hum.	Air	Air	Air	Hum.	Hum.	Hum.	Rad.	Rad.	Rad.	Precip	Precip	Precip
D 0815	23.52	25.95	26.81	26.55	24.55	13.97	25.18	23.12	30.32	15.29	17.44	55.19	0.000																										
D 0830	23.53	25.96	26.81	26.51	24.47	15.39	25.17	23.12	30.30	14.88	18.36	69.53	0.000																										
D 0845	23.53	25.95	26.81	26.47	24.38	16.82	25.18	23.12	30.29	15.25	18.03	104.9	0.000																										
D 0900	23.52	25.95	26.81	26.44	24.30	18.82	25.17	23.12	30.27	16.29	17.41	128.3	0.000																										
D 0915	23.53	25.95	26.81	26.40	24.23	20.72	25.17	23.12	30.26	16.99	17.13	146.2	0.000																										
D 0930	23.53	25.95	26.81	26.36	24.15	22.64	25.17	23.12	30.26	18.08	16.25	168.9	0.000																										
D 0945	23.53	25.95	26.81	26.32	24.11	24.53	25.17	23.12	30.26	19.08	15.85	196.4	0.000																										
D 1000	23.52	25.94	26.80	26.28	24.05	27.09	25.17	23.11	30.26	19.81	15.51	217.2	0.000																										
D 1015	23.53	25.95	26.81	26.25	24.02	28.96	25.16	23.12	30.28	20.27	15.42	242.4	0.000																										
D 1030	23.52	25.94	26.80	26.21	24.00	30.88	25.16	23.12	30.29	20.82	14.94	265.1	0.000																										
D 1045	23.53	25.94	26.81	26.17	23.99	32.82	25.16	23.11	30.31	21.35	14.65	284.5	0.000																										
D 1100	23.53	25.94	26.80	26.14	24.01	34.75	25.16	23.12	30.34	21.91	14.39	300.6	0.000																										
D 1115	23.53	25.94	26.80	26.10	24.03	36.93	25.15	23.11	30.36	22.84	13.92	316.5	0.000																										
D 1130	23.53	25.94	26.80	26.06	24.08	39.00	25.15	23.11	30.37	23.80	13.18	333.2	0.000																										
D 1145	23.52	25.93	26.79	26.02	24.14	40.71	25.15	23.11	30.39	24.38	12.75	343.4	0.000																										
D 1200	23.52	25.93	26.78	25.99	24.21	42.42	25.16	23.12	30.40	24.98	12.41	345.8	0.000																										
D 1215	23.53	25.93	26.78	25.95	24.32	44.06	25.16	23.12	30.42	25.83	12.06	357.5	0.000																										
D 1230	23.53	25.93	26.79	25.93	24.45	45.16	25.15	23.11	30.42	25.98	11.97	367.2	0.000																										
D 1245	23.53	25.93	26.78	25.90	24.59	46.37	25.15	23.12	30.43	26.05	11.95	381.9	0.000																										
D 1300	23.53	25.92	26.77	25.88	24.75	47.12	25.15	23.12	30.43	26.44	11.79	391.9	0.000																										
D 1315	23.53	25.92	26.77	25.85	24.92	47.69	25.15	23.12	30.44	26.74	11.62	384.8	0.000																										
D 1330	23.53	25.92	26.76	25.83	25.11	48.33	25.15	23.12	30.45	26.95	11.54	387.0	0.000																										
D 1345	23.53	25.92	26.76	25.82	25.31	48.75	25.15	23.11	30.44	27.19	11.45	369.1	0.000																										
D 1400	23.53	25.92	26.75	25.80	25.52	49.22	25.14	23.11	30.44	27.60	11.27	360.3	0.000																										
D 1415	23.53	25.92	26.75	25.79	25.74	49.41	25.15	23.12	30.45	28.02	11.10	346.6	0.000																										
D 1430	23.53	25.92	26.74	25.78	25.97	49.08	25.15	23.12	30.45	28.01	11.09	345.8	0.000																										
D 1445	23.53	25.92	26.73	25.79	26.12	49.15	25.15	23.12	30.45	28.16	11.05	333.8	0.000																										
D 1500	23.53	25.92	26.73	25.79	26.46	49.15	25.15	23.12	30.45	28.42	10.95	310.4	0.000																										
D 1515	23.53	25.91	26.72	25.80	26.70	49.25	25.14	23.11	30.45	29.02	10.74	305.1	0.000																										
D 1530	23.53	25.91	26.72	25.81	26.95	48.85	25.14	23.12	30.46	28.94	10.78	286.6	0.000																										
D 1545	23.53	25.91	26.70	25.82	27.19	48.22	25.14	23.12	30.46	28.88	10.81	261.9	0.000																										
D 1600	23.53	25.91	26.70	25.84	27.43	48.39	25.14	23.12	30.45	29.43	10.54	241.8	0.000																										
D 1615	23.53	25.90	26.69	25.86	27.66	47.36	25.14	23.12	30.45	29.42	10.61	224.3	0.000																										
D 1630	23.53	25.90	26.69	25.89	27.89	46.06	25.14	23.12	30.46	28.75	10.86	202.5	0.000																										
D 1645	23.53	25.91	26.68	25.92	28.11	44.55	25.14	23.11	30.45	28.46	10.96	165.9	0.000																										
D 1700	23.53	25.91	26.68	25.96	28.33	42.70	25.14	23.12	30.45	27.93	11.15	127.32	0.000																										
D 1715	23.53	25.90	26.66	25.99	28.53	39.74	25.13	23.11	30.45	26.94	11.46	91.27	0.000																										
D 1730	23.53	25.90	26.66	26.04	28.71	36.48	25.13	23.12	30.45	27.71	11.22	84.4	0.000																										
D 1745	23.53	25.91	26.65	26.08	28.90	37.92	25.13	23.12	30.45	27.73	11.22	34.80	0.000																										
D 1800	23.53	25.90	26.65	26.12	29.06	36.29	25.14	23.12	30.46	26.95	11.49	24.21	0.000																										
D 1815	23.53	25.90	26.63	26.17	29.20	34.89	25.13	23.12	30.45	26.91	11.48	31.07	0.000																										
D 1830	23.53	25.90	26.63	26.22	29.32	33.88	25.14	23.12	30.45	26.42	11.64	16.24	0.000																										
D 1845	23.53	25.90	26.63	26.27	29.43	32.88	25.14	23.12	30.45	26.42	11.64	16.24	0.000																										
D 1900	23.54	25.90	26.62	26.33	29.51	30.95	25.13	23.12	30.45	25.24	12.27	29.87	0.000																										
D 1915	23.54	25.90	26.61	26.38	29.58	29.52	25.13	23.12	30.45	24.25	12.68	40.88	0.000																										
D 1930	23.54	25.90	26.60	26.43	29.62	28.10	25.13	23.12	30.45	23.25	13.25	51.45	0.000																										
D 1945	23.54	25.90	26.60	26.49	29.65	26.68	25.13	23.12	30.45	22.49	13.68	53.17	0.000																										
D 2000	23.54	25.90	26.59	26.54	29.66	25.48	25.13	23.13	30.45	21.86	14.05	53.59	0.000																										
D 2015	23.54	25.90	26.59	26.59	29.65	24.47	25.13	23.13	30.45	21.36	14.31	51.93	0.000																										
D 2030	23.54	25.90	26.59	26.64	29.63	23.62	25.13	23.13	30.45	21.18	14.44	51.79	0.000																										
D 2045	23.55	25.90	26.58	26.69	29.60	22.90	25.13	23.13	30.45	20.98	14.55	50.66	0.000																										
D 2100	23.55	25.90	26.58	26.74	29.55	21.30	25.13	23.13	30.45	20.74	14.70	51.81	0.000																										
D 2115	23.54	25.90	26.57	26.78	29.48	21.67	25.13	23.13	30.45	20.34	14.91	48.66	0.000																										
D 2130	23.55	25.90	26.57	26.83	29.41	21.16	25.12	23.13	30.45	20.18	14.92	44.76	0.000																										
D 2145	23.54	25.90	26.56	26.87	29.32	20.83	25.13	23.13	30.45	20.33	14.81	44.11	0.000																										
D 2200	23.55	25.90	26.56	26.91	29.23	20.38	25.13	23.13	30.44	19.81	15.12	41.46	0.000																										

Time	1.75m			1.0m			.5m			.25m			Surf.			PVC			PVC			PVC			Air			Rel. Hum.			Net Rad.			Precip		
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m	1.0m	1.75m	1.0m	Hum.	Hum.	Hum.	Air	Air	Air	Hum.	Hum.	Hum.	Rad.	Rad.	Rad.	Precip	Precip	Precip
D 2215	23.55	25.90	26.57	26.94	29.13	19.91	25.12	23.13	30.45	19.32	15.30	40.12	0.000																							
D 2230	23.55	25.89	26.56	26.97	29.02	19.56	25.12	23.13	30.45	19.14	15.41	40.25	0.000																							
D 2245	23.55	25.89	26.56	27.01	28.91	19.21	25.12	23.13	30.44	19.10	15.42	41.45	0.000																							
D 2300	23.55	25.90	26.56	27.03	28.80	18.92	25.12	23.13	30.45	19.04	15.45	41.26	0.000																							
D 2315	23.55	25.90	26.56	27.06	28.69	18.63	25.12	23.13	30.44	18.78	15.62	44.16	0.000																							
D 2330	23.55	25.90	26.56	27.08	28.57	18.33	25.12	23.13	30.45	18.52	15.85	46.20	0.000																							
D 2345	23.55	25.89	26.56	27.09	28.44	18.03	25.12	23.13	30.45	18.31	16.02	45.84	0.000																							
D 0000	23.55	25.89	26.56	27.11	28.32	17.66	25.11	23.13	30.44	18.12	16.13	44.13	0.000																							
D 0015	23.55	25.89	26.55	27.12	28.20	17.24	25.12	23.14	30.44	17.93	16.20	43.14	0.000																							
D 0030	23.55	25.88	26.55	27.13	28.08	16.84	25.12	23.14	30.44	17.72	16.28	43.08	0.000																							
D 0045	23.55	25.89	26.56	27.13	27.97	16.53	25.12	23.14	30.45	17.47	16.49	42.26	0.000																							
D 0100	23.55	25.88	26.56	27.14	27.85	16.03	25.12	23.14	30.45	16.88	17.02	42.07	0.000																							
D 0115	23.55	25.89	26.56	27.14	27.72	15.83	25.12	23.14	30.45	16.85	17.13	42.04	0.000																							
D 0130	23.55	25.88	26.56	27.14	27.61	15.65	25.12	23.14	30.44	16.64	17.34	41.65	0.000																							
D 0145	23.55	25.88	26.56	27.13	27.48	15.48	25.12	23.14	30.44	16.44	17.49	40.90	0.000																							
D 0200	23.56	25.88	26.57	27.14	27.38	15.13	25.11	23.14	30.44	16.43	17.54	40.53	0.000																							
D 0215	23.56	25.88	26.57	27.12	27.25	14.91	25.11	23.14	30.44	16.37	17.74	40.42	0.000																							
D 0230	23.55	25.88	26.56	27.11	27.13	14.71	25.12	23.14	30.45	16.17	17.86	40.08	0.000																							
D 0245	23.56	25.88	26.57	27.10	27.02	14.53	25.11	23.14	30.44	16.09	17.93	40.14	0.000																							
D 0300	23.56	25.88	26.57	27.09	26.90	14.33	25.11	23.14	30.44	16.02	17.97	39.38	0.000																							
D 0315	23.57	25.88	26.58	27.08	26.80	14.12	25.11	23.14	30.44	15.70	18.35	39.55	0.000																							
D 0330	23.56	25.88	26.58	27.06	26.67	13.95	25.11	23.14	30.44	15.55	18.49	40.04	0.000																							
D 0345	23.56	25.88	26.58</																																	



Time	1.75m 1.0m .5m .25m .125m Surf.				1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip			
	Soil	Soil	Soil	Soil	Soil	PVC	PVC				PVC	Air	
D 1200	+23.57	+25.83	+26.62	+25.98	+24.41	+43.79	+25.08	+23.15	+30.36	+25.43	+12.73	+358.8	+0.000
D 1215	+23.57	+25.83	+26.62	+25.93	+24.65	+46.86	+25.08	+23.15	+30.36	+26.55	+11.93	+368.3	+0.000
D 1230	+23.57	+25.83	+26.61	+25.89	+24.79	+48.18	+25.07	+23.15	+30.37	+26.96	+11.72	+387.5	+0.000
D 1245	+23.57	+25.82	+26.60	+25.87	+24.95	+49.40	+25.07	+23.15	+30.37	+27.39	+11.54	+389.5	+0.000
D 1315	+23.58	+25.83	+26.60	+25.85	+25.14	+50.22	+25.07	+23.15	+30.37	+27.89	+11.35	+384.8	+0.000
D 1330	+23.57	+25.82	+26.59	+25.81	+25.23	+50.36	+25.07	+23.15	+30.37	+27.76	+11.40	+383.1	+0.000
D 1345	+23.57	+25.82	+26.59	+25.81	+25.23	+50.41	+25.07	+23.15	+30.37	+27.90	+11.35	+376.6	+0.000
D 1400	+23.57	+25.82	+26.58	+25.80	+25.76	+51.26	+25.07	+23.15	+30.38	+28.81	+11.00	+373.0	+0.000
D 1415	+23.56	+25.81	+26.58	+25.79	+25.99	+51.60	+25.06	+23.15	+30.37	+29.08	+10.86	+364.0	+0.000
D 1430	+23.57	+25.81	+26.58	+25.79	+26.24	+52.04	+25.06	+23.15	+30.37	+29.54	+10.65	+367.3	+0.000
D 1445	+23.57	+25.81	+26.58	+25.79	+26.49	+52.14	+25.06	+23.15	+30.37	+29.73	+10.53	+345.0	+0.000
D 1500	+23.57	+25.82	+26.57	+25.80	+26.75	+51.80	+25.07	+23.15	+30.38	+29.74	+10.50	+336.4	+0.000
D 1515	+23.57	+25.82	+26.57	+25.81	+27.01	+51.33	+25.06	+23.15	+30.37	+29.60	+10.54	+325.1	+0.000
D 1530	+23.57	+25.81	+26.56	+25.81	+27.26	+51.92	+25.07	+23.15	+30.38	+29.91	+10.44	+300.4	+0.000
D 1545	+23.57	+25.82	+26.56	+25.84	+27.52	+51.06	+25.06	+23.15	+30.37	+30.11	+10.37	+280.2	+0.000
D 1600	+23.57	+25.81	+26.55	+25.85	+27.78	+50.47	+25.06	+23.15	+30.38	+30.11	+10.37	+256.2	+0.000
D 1615	+23.58	+25.81	+26.55	+25.89	+28.04	+49.60	+25.06	+23.15	+30.37	+30.23	+10.28	+248.8	+0.000
D 1630	+23.57	+25.81	+26.53	+25.91	+28.27	+48.44	+25.06	+23.15	+30.37	+30.41	+10.25	+205.4	+0.000
D 1645	+23.57	+25.81	+26.53	+25.95	+28.52	+47.55	+25.06	+23.15	+30.38	+30.26	+10.29	+200.6	+0.000
D 1700	+23.57	+25.80	+26.52	+25.98	+28.75	+46.65	+25.06	+23.15	+30.37	+30.10	+10.32	+174.0	+0.000
D 1715	+23.58	+25.81	+26.52	+26.03	+28.98	+46.03	+25.06	+23.15	+30.37	+29.96	+10.37	+154.1	+0.000
D 1730	+23.57	+25.80	+26.51	+26.07	+29.18	+44.80	+25.06	+23.15	+30.37	+30.23	+10.28	+105.1	+0.000
D 1745	+23.58	+25.81	+26.51	+26.12	+29.39	+42.65	+25.06	+23.15	+30.37	+29.48	+10.57	+073.6	+0.000
D 1800	+23.58	+25.81	+26.50	+26.17	+29.56	+40.33	+25.05	+23.15	+30.37	+28.43	+10.93	+14.80	+0.000
D 1815	+23.58	+25.81	+26.50	+26.22	+29.73	+37.49	+25.05	+23.15	+30.37	+27.56	+11.28	+12.39	+0.000
D 1830	+23.58	+25.80	+26.49	+26.28	+29.88	+35.29	+25.05	+23.16	+30.37	+27.34	+11.36	+20.51	+0.000
D 1845	+23.58	+25.80	+26.48	+26.30	+30.00	+33.24	+25.05	+23.16	+30.37	+27.05	+11.43	+21.94	+0.000
D 1900	+23.58	+25.80	+26.47	+26.39	+30.11	+32.24	+25.05	+23.16	+30.37	+26.73	+11.25	+25.73	+0.000
D 1915	+23.58	+25.80	+26.47	+26.45	+30.20	+31.06	+25.05	+23.16	+30.37	+25.00	+12.79	+42.89	+0.000
D 1930	+23.58	+25.80	+26.46	+26.50	+30.26	+29.58	+25.05	+23.16	+30.38	+24.15	+13.27	+51.51	+0.000
D 1945	+23.58	+25.80	+26.47	+26.57	+30.31	+28.11	+25.06	+23.16	+30.38	+23.34	+13.56	+53.07	+0.000
D 2000	+23.58	+25.80	+26.46	+26.60	+30.32	+26.79	+25.05	+23.16	+30.38	+22.66	+13.12	+51.94	+0.000
D 2015	+23.58	+25.80	+26.45	+26.69	+30.33	+25.72	+25.05	+23.15	+30.37	+22.16	+13.16	+51.94	+0.000
D 2030	+23.58	+25.79	+26.44	+26.74	+30.30	+24.82	+25.05	+23.16	+30.37	+21.83	+14.30	+52.09	+0.000
D 2045	+23.59	+25.80	+26.45	+26.80	+30.27	+24.08	+25.05	+23.16	+30.37	+21.58	+14.41	+51.49	+0.000
D 2100	+23.59	+25.80	+26.45	+26.86	+30.21	+23.38	+25.05	+23.16	+30.37	+21.28	+14.60	+51.22	+0.000
D 2115	+23.59	+25.80	+26.44	+26.91	+30.16	+22.76	+25.04	+23.16	+30.37	+20.90	+14.78	+50.91	+0.000
D 2130	+23.59	+25.80	+26.44	+26.96	+30.07	+22.15	+25.03	+23.16	+30.36	+20.54	+14.92	+49.81	+0.000
D 2145	+23.59	+25.80	+26.43	+27.01	+29.98	+21.58	+25.05	+23.16	+30.37	+20.44	+14.88	+49.24	+0.000
D 2200	+23.59	+25.80	+26.43	+27.05	+29.87	+21.08	+25.04	+23.16	+30.36	+20.46	+14.98	+47.66	+0.000
D 2215	+23.59	+25.79	+26.43	+27.09	+29.77	+20.60	+25.04	+23.16	+30.36	+19.78	+15.11	+47.80	+0.000
D 2230	+23.59	+25.80	+26.43	+27.13	+29.66	+20.16	+25.04	+23.16	+30.36	+19.54	+15.11	+48.11	+0.000
D 2245	+23.59	+25.79	+26.43	+27.16	+29.54	+19.73	+25.04	+23.16	+30.36	+19.34	+15.19	+45.96	+0.000
D 2300	+23.59	+25.79	+26.43	+27.19	+29.42	+19.16	+25.04	+23.16	+30.36	+18.62	+15.47	+44.29	+0.000
D 2315	+23.59	+25.79	+26.43	+27.22	+29.29	+18.63	+25.05	+23.17	+30.37	+18.15	+15.65	+43.92	+0.000
D 2330	+23.59	+25.80	+26.43	+27.25	+29.17	+18.19	+25.05	+23.17	+30.37	+18.19	+15.63	+43.03	+0.000
D 2345	+23.59	+25.79	+26.43	+27.27	+29.03	+17.94	+25.04	+23.16	+30.37	+18.38	+15.61	+42.78	+0.000
D 0000	+23.59	+25.79	+26.43	+27.29	+28.90	+17.63	+25.04	+23.16	+30.37	+17.96	+15.84	+42.87	+0.000
D 07 30													
D 0015	+23.59	+25.79	+26.43	+27.30	+28.78	+17.36	+25.04	+23.17	+30.37	+17.96	+15.88	+42.47	+0.000
D 0030	+23.59	+25.79	+26.44	+27.31	+28.64	+17.05	+25.04	+23.17	+30.36	+18.02	+15.82	+42.05	+0.000
D 0045	+23.59	+25.78	+26.44	+27.32	+28.51	+16.74	+25.03	+23.17	+30.36	+18.15	+15.84	+41.54	+0.000
D 0100	+23.59	+25.78	+26.44	+27.33	+28.37	+16.55	+25.03	+23.17	+30.36	+18.21	+15.84	+41.10	+0.000
D 0115	+23.60	+25.79	+26.45	+27.34	+28.24	+16.36	+25.04	+23.17	+30.36	+17.47	+16.19	+42.33	+0.000
D 0130	+23.59	+25.78	+26.45	+27.33	+28.11	+16.22	+25.03	+23.16	+30.36	+17.50	+16.30	+41.49	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.				1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip			
	Soil	Soil	Soil	Soil	Soil	PVC	PVC				PVC	Air	
D 0145	+23.60	+25.79	+26.46	+27.34	+27.99	+16.06	+25.04	+23.17	+30.37	+17.24	+16.44	+41.83	+0.000
D 0200	+23.60	+25.78	+26.45	+27.33	+27.83	+15.88	+25.03	+23.17	+30.35	+17.08	+16.56	+41.45	+0.000
D 0215	+23.60	+25.78	+26.46	+27.33	+27.73	+15.72	+25.03	+23.17	+30.35	+17.05	+16.46	+40.81	+0.000
D 0230	+23.61	+25.79	+26.47	+27.33	+27.61	+15.48	+25.04	+23.17	+30.36	+17.08	+16.48	+39.96	+0.000
D 0245	+23.60	+25.78	+26.47	+27.31	+27.48	+15.26	+25.03	+23.17	+30.36	+17.12	+16.58	+40.11	+0.000
D 0300	+23.60	+25.78	+26.48	+27.30	+27.36	+15.08	+25.03	+23.18	+30.36	+16.84	+16.82	+40.57	+0.000
D 0315	+23.60	+25.78	+26.48	+27.32	+27.23	+14.81	+25.03	+23.17	+30.36	+16.97	+16.81	+40.81	+0.000
D 0330	+23.60	+25.78	+26.49	+27.27	+27.11	+14.53	+25.03	+23.17	+30.36	+15.95	+17.36	+40.31	+0.000
D 0345	+23.60	+25.78	+26.48	+27.24	+26.99	+14.23	+25.03	+23.17	+30.36	+15.59	+17.53	+39.25	+0.000
D 0400	+23.60	+25.78	+26.49	+27.23	+26.87	+14.02	+25.03	+23.17	+30.36	+15.16	+18.08	+39.41	+0.000
D 0415	+23.60	+25.78	+26.50	+27.21	+26.76	+13.85	+25.02	+23.18	+30.36	+14.99	+18.39	+39.16	+0.000
D 0430	+23.60	+25.78	+26.50	+27.19	+26.65	+13.70	+25.02	+23.17	+30.35	+14.82	+18.22	+38.60	+0.000
D 0445	+23.60	+25.77	+26.50	+27.16	+26.53	+13.56	+25.01	+23.17	+30.35	+15.07	+18.51	+39.37	+0.000
D 0500	+23.60	+25.77	+26.51	+27.14	+26.42	+13.43	+25.02	+23.17	+30.35	+14.85	+18.99	+39.71	+0.000
D 0515	+23.60	+25.77	+26.51	+27.11	+26.32	+13.22	+25.02	+23.17	+30.35	+14.20	+19.74	+39.24	+0.000
D 0530	+23.60	+25.77	+26.51	+27.08	+26.20	+12.87	+25.02	+23.17	+30.35	+13.51	+20.51	+38.87	+0.000
D 0545	+23.60	+25.77	+26.51	+27.05	+26.10	+12.54	+25.03	+23.18	+30.35	+12.99	+21.65	+38.39	+0.000
D 0600	+23.60	+25.77	+26.53	+27.03	+25.99	+12.25	+25.02	+23.17	+30.35	+12.82	+22.63	+38.60	+0.000
D 0615	+23.60	+25.77	+26.52	+27.00	+25.88	+12.18	+25.02	+23.18	+30.36	+13.31	+21.70	+37.71	+0.000
D 0630	+23.60	+25.77	+26.53	+26.97	+25.78	+12.13	+25.02	+23.18	+30.36	+13.61	+21.19	+37.47	+0.000
D 0645	+23.60	+25.77	+26.53	+26.93	+25.68	+12.07	+25.02	+23.18	+30.36	+13.71	+21.34	+34.93	+0.000
D 0700	+23.60	+25.76	+26.54	+26.90	+25.57	+12.01	+25.02	+23.18	+30.36	+13.45	+21.68	+29.75	+0.000
D 0715	+23.61	+25.77	+26.54	+26.87	+25.47	+11.84	+25.01	+23.18	+30.36	+13.01	+22.41	+29.72	+0.000
D 0730	+23.61	+25.76	+26.54	+26.83	+25.37	+11.72	+25.01	+23.18	+30.36	+13.49	+22.17	+8.040	+0.000
D 0745	+23.61	+25.76	+26.55	+26.80	+25.27	+11.61	+25.01	+23.18	+30.36	+14.25	+21.35	+09.09	+0.000
D 0800	+23.61	+25.76	+26.55	+26.77	+25.17	+11.53	+25.01	+23.18	+30.36	+15.04	+20.58	+09.55	+0.000
D 0815	+23.61	+25.76	+26.56	+26.73	+25.07	+11.46	+25.01	+23.18	+30.35	+15.34	+20.47	+50.80	+0.000
D 0830	+23.61	+25.76	+26.56	+26.69	+24.98	+11.							

Time	1.75m					1.0m			1.75m			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC	1.0m	1.75m				
1545	23.60	25.72	26.52	25.97	27.43	48.28	24.98	23.18	30.31	29.85	+10.45	+241.7	+0.000		
1600	23.61	25.72	26.52	25.99	27.67	48.06	24.98	23.18	30.31	29.91	+10.44	+222.2	+0.000		
1630	23.61	25.72	26.51	26.01	27.91	47.59	24.99	23.18	30.31	29.45	+10.31	+193.8	+0.000		
1645	23.61	25.73	26.51	26.04	28.13	46.83	24.99	23.18	30.31	29.45	+10.22	+175.9	+0.000		
1700	23.61	25.72	26.50	26.10	28.55	44.12	24.98	23.18	30.31	29.49	+10.59	+136.7	+0.000		
1715	23.61	25.71	26.49	26.13	28.75	42.62	24.98	23.17	30.30	29.44	+10.61	+113.3	+0.000		
1730	23.61	25.72	26.49	26.17	28.94	40.78	24.98	23.18	30.31	28.89	+10.91	+84.49	+0.000		
1745	23.61	25.71	26.48	26.21	29.16	39.56	24.98	23.18	30.31	27.82	+11.19	+67.64	+0.000		
1800	23.61	25.73	26.48	26.25	29.37	36.11	24.98	23.18	30.31	27.25	+11.40	+11.32	+0.000		
1815	23.61	25.71	26.47	26.29	29.41	34.40	24.98	23.18	30.31	27.21	+11.41	-09.69	+0.000		
1830	23.61	25.71	26.46	26.34	29.53	32.87	24.98	23.18	30.31	26.98	+11.49	-35.13	+0.000		
1845	23.61	25.72	26.46	26.39	29.64	31.29	24.98	23.18	30.31	26.16	+11.77	-37.78	+0.000		
1845	23.61	25.72	26.46	26.44	29.72	29.94	24.98	23.18	30.31	25.73	+11.90	-37.71	+0.000		
1915	23.62	25.73	26.46	26.50	29.79	28.78	24.98	23.18	30.31	25.13	+12.17	-38.52	+0.000		
1930	23.62	25.71	26.45	26.54	29.83	27.94	24.98	23.18	30.31	24.65	+12.72	-41.29	+0.000		
1945	23.61	25.71	26.44	26.59	29.84	27.10	24.98	23.19	30.31	24.04	+13.08	-43.98	+0.000		
2000	23.62	25.71	26.44	26.65	29.86	26.18	24.98	23.18	30.31	23.55	+13.30	-45.30	+0.000		
2015	23.62	25.71	26.44	26.70	29.84	25.31	24.98	23.18	30.31	23.14	+13.30	-49.78	+0.000		
2030	23.62	25.71	26.43	26.74	29.81	24.53	24.98	23.19	30.31	22.74	+13.89	-49.15	+0.000		
2045	23.62	25.71	26.43	26.79	29.77	23.78	24.97	23.19	30.30	22.41	+14.04	-48.72	+0.000		
2100	23.62	25.71	26.42	26.84	29.70	23.15	24.98	23.19	30.31	22.08	+14.22	-46.15	+0.000		
2115	23.62	25.71	26.42	26.88	29.64	22.70	24.97	23.18	30.30	21.89	+14.40	-42.49	+0.000		
2130	23.62	25.71	26.42	26.92	29.56	22.42	24.97	23.18	30.30	21.68	+14.66	-41.99	+0.000		
2145	23.62	25.71	26.42	26.96	29.48	22.11	24.97	23.18	30.30	21.37	+15.30	-44.44	+0.000		
2200	23.62	25.71	26.42	27.00	29.39	21.72	24.97	23.18	30.30	20.94	+15.74	-43.54	+0.000		
2215	23.62	25.71	26.41	27.03	29.29	21.21	24.97	23.18	30.29	20.45	+16.12	-41.42	+0.000		
2230	23.62	25.71	26.42	27.06	29.18	20.78	24.97	23.19	30.30	19.94	+16.52	-38.99	+0.000		
2245	23.62	25.71	26.41	27.09	29.08	20.25	24.97	23.18	30.30	19.74	+16.78	-38.68	+0.000		
2300	23.62	25.71	26.41	27.11	28.97	19.87	24.97	23.19	30.29	19.45	+17.06	-36.59	+0.000		
2315	23.63	25.71	26.41	27.14	28.86	19.57	24.97	23.19	30.30	19.33	+17.61	-39.44	+0.000		
2330	23.62	25.70	26.41	27.15	28.74	19.12	24.97	23.19	30.30	18.93	+18.10	-42.52	+0.000		
2345	23.62	25.70	26.41	27.17	28.63	18.76	24.97	23.19	30.30	18.73	+18.81	-43.47	+0.000		
2400	23.63	25.71	26.43	27.19	28.53	18.44	24.96	23.19	30.29	18.29	+19.53	-42.29	+0.000		

Time	1.75m					1.0m			1.75m			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC	1.0m	1.75m				
0530	23.64	25.69	26.49	26.97	26.21	-15.24	24.96	23.20	30.29	16.06	+21.19	-34.23	+0.000		
0545	23.64	25.69	26.49	26.95	26.12	-14.98	24.96	23.20	30.29	15.82	+21.53	-35.86	+0.000		
0600	23.64	25.69	26.49	26.92	26.04	-14.74	24.95	23.19	30.29	15.60	+21.99	-37.49	+0.000		
0615	23.63	25.69	26.49	26.88	25.94	-14.45	24.96	23.19	30.28	15.65	+21.76	-35.06	+0.000		
0630	23.63	25.69	26.49	26.86	25.86	-14.15	24.96	23.20	30.28	15.52	+21.67	-35.79	+0.000		
0645	23.64	25.69	26.50	26.83	25.78	-13.87	24.96	23.20	30.29	15.40	+21.68	-34.29	+0.000		
0700	23.64	25.69	26.50	26.81	25.70	-13.58	24.95	23.20	30.29	14.89	+22.01	-39.40	+0.000		
0715	23.64	25.69	26.50	26.77	25.61	-13.30	24.96	23.20	30.28	14.80	+22.01	-39.20	+0.000		
0730	23.64	25.69	26.51	26.75	25.53	-13.03	24.96	23.20	30.29	14.93	+22.32	-11.13	+0.000		
0745	23.64	25.69	26.50	26.72	25.44	-14.12	24.95	23.20	30.29	15.42	+21.71	-5.770	+0.000		
0800	23.64	25.69	26.51	26.68	25.36	-14.44	24.95	23.20	30.28	15.14	+22.27	-08.59	+0.000		
0815	23.64	25.69	26.51	26.65	25.27	-15.36	24.95	23.20	30.29	15.81	+21.38	-57.43	+0.000		
0830	23.64	25.69	26.51	26.62	25.19	-17.02	24.96	23.20	30.29	16.44	+20.27	-08.99	+0.000		
0845	23.64	25.69	26.51	26.59	25.11	-18.90	24.95	23.20	30.29	17.77	+19.76	-121.6	+0.000		
0900	23.64	25.69	26.52	26.56	25.03	-21.23	24.95	23.20	30.29	18.72	+19.13	-136.4	+0.000		
0915	23.63	25.68	26.52	26.52	24.95	-23.38	24.95	23.20	30.29	19.57	+18.35	-148.0	+0.000		
0930	23.64	25.68	26.52	26.50	24.89	-25.11	24.95	23.20	30.28	20.29	+17.74	-161.6	+0.000		
0945	23.64	25.68	26.52	26.46	24.83	-26.30	24.95	23.20	30.29	20.42	+18.22	-175.3	+0.000		
1000	23.64	25.67	26.52	26.42	24.77	-28.70	24.95	23.20	30.29	20.39	+18.55	-226.7	+0.000		
1015	23.64	25.68	26.52	26.39	24.74	-30.43	24.95	23.20	30.28	21.23	+17.61	-208.5	+0.000		
1030	23.64	25.68	26.53	26.36	24.72	-31.93	24.94	23.20	30.28	22.19	+16.41	-250.3	+0.000		
1045	23.64	25.67	26.52	26.33	24.71	-34.24	24.94	23.19	30.28	23.51	+14.59	-197.8	+0.000		
1100	23.64	25.67	26.52	26.29	24.72	-34.04	24.93	23.19	30.27	23.01	+15.38	-250.9	+0.000		
1115	23.63	25.67	26.52	26.26	24.74	-35.73	24.93	23.18	30.27	23.83	+15.66	-313.3	+0.000		
1130	23.64	25.66	26.52	26.22	24.79	-38.13	24.94	23.20	30.28	24.93	+14.71	-14.98	+335.4	+0.000	
1145	23.64	25.67	26.52	26.19	24.85	-40.53	24.94	23.19	30.27	24.80	+14.04	-344.1	+0.000		
1200	23.63	25.66	26.51	26.16	24.92	-42.44	24.94	23.19	30.27	25.71	+13.12	-345.2	+0.000		
1215	23.64	25.67	26.51	26.13	25.02	-43.49	24.94	23.20	30.28	26.02	+13.07	-346.2	+0.000		
1230	23.64	25.67	26.51	26.11	25.02	-44.51	24.94	23.20	30.27	26.94	+11.79	-346.2	+0.000		
1245	23.64	25.67	26.51	26.08	25.25	-46.23	24.94	23.20	30.28	26.99	+12.14	-365.8	+0.000		
1300	23.63	25.66	26.51	26.06	25.38	-47.65	24.93	23.19	30.27	27.70	+11.89	-370.1	+0.000		
1315	23.64	25.66	26.51	26.04	25.54	-47.97	24.94	23.19	30.27	27.53	+11.85	-370.6	+0.000		
1330	23.64	25.66	26.51	26.02	25.71	-48.47	24.94	23.20	30.27	27.86	+11.65	-366.6	+0.000		
1345	23.64	25.66	26.50	26.01	25.89	-49.57	24.93	23.19	30.27	28.39	+11.33	-354.9	+0.000		
1400	23.64	25.65	26.49	25.99	26.08	-50.27	24.93	23.19	30.26	28.72	+11.18	-363.8	+0.000		
1415	23.63	25.65	26.49	25.99	26.29	-50.01	24.93	23.20	30.27	28.99	+11.03	-362.6	+0.000		
1430	23.64	25.66	26.49	25.98	26.51	-50.33	24.94	23.20	30.27	29.25	+10.83	-349.7	+0.000		
1445	23.63	25.66	26.49	25.99	26.74	-49.32	24.93	23.19	30.26	28.63	+11.06	-076.3	+0.000		
1500	23.64	25.66	26.48	25.99	26.96	-44.55	24.93	23.20	30.27	27.31	+11.61	-266.0	+0.000		
1515	23.63	25.65	26.48	25.99	27.19	-40.61	24.93	23.20	30.26	26.57	+10.98	-239.0	+0.000		
1530	23.63	25.65	26.48	26.00	27.43	-38.52	24.93	23.20	30.26	26.15	+10.78	-174.6	+0.000		
1545	23.63	25.65	26.47	26.02	27.65	-38.96	24.93	23.20	30.26	26.38	+11.41	-283.3	+0.000		
1600	23.63	25.65	26.46	26.04	27.86	-39.81	24.93	23.20	30.26	27.61	+11.33	-212.2	+0.000		
1615	23.63	25.65	26.46	26.06	28.06	-39.36	24.93	23.19	30.26	27.73	+11.29	-266.9	+0.000		
1630	23.63	25.65	26.45	26.08	28.24	-40.68	24.93	23.20	30.26	28.57	+10.98	-239.0	+0.000		
1645	23.63	25.65	26.45	26.11	28.39	-41.44	24.93	23.20	30.26	29.44	+10.24	-190.8	+0.000		
1700	23.63	25.65	26.44	26.14	28.54	-41.03	24.93	23.20	30.26	29.08	+10.80	-135.6	+0.000		
1715	23.64	25.65	26.44	26.18	28.67	-40.08	24.93	23.20	30.26	28.93	+10.85	-104.7	+0.000		
1730	23.63	25.65	26.43	26.22	28.78	-38.75	24.93	23.20	30.26	28.62	+10.98	-091.4	+0.000		
1745	23.63	25.65													

Time	1.0m 1.75m 1.75m												Rel. Hum.	Net Rad.	Precip					
	1.75m			1.0m			.5m			.25m						Surf.	PVC	PVC	PVC	Air
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil				Soil	1.0m	1.75m	1.0m	
D 1930	+23.64	+25.65	+26.40	+26.55	+29.37	+26.14	+24.92	+23.20	+30.26	+22.95	+12.93	-53.54	+0.000							
D 1945	+23.64	+25.65	+26.39	+26.59	+29.38	+24.97	+24.92	+23.20	+30.25	+22.52	+13.17	-54.25	+0.000							
D 2000	+23.65	+25.65	+26.40	+26.64	+29.38	+24.01	+24.92	+23.20	+30.26	+22.52	+13.17	-54.25	+0.000							
D 2015	+23.65	+25.65	+26.39	+26.68	+29.39	+23.05	+24.92	+23.20	+30.26	+21.49	+13.48	-50.65	+0.000							
D 2030	+23.64	+25.65	+26.39	+26.72	+29.33	+22.17	+24.92	+23.20	+30.26	+21.17	+13.65	-49.30	+0.000							
D 2045	+23.64	+25.65	+26.39	+26.76	+29.29	+21.43	+24.92	+23.21	+30.26	+20.91	+13.75	-47.47	+0.000							
D 2100	+23.64	+25.65	+26.38	+26.79	+29.23	+20.74	+24.92	+23.20	+30.26	+20.64	+13.82	-45.88	+0.000							
D 2115	+23.64	+25.64	+26.38	+26.83	+29.15	+20.13	+24.92	+23.20	+30.25	+20.36	+13.95	-45.52	+0.000							
D 2130	+23.65	+25.65	+26.37	+26.86	+29.06	+19.56	+24.92	+23.20	+30.25	+20.12	+13.97	-44.70	+0.000							
D 2145	+23.65	+25.65	+26.38	+26.89	+28.99	+19.13	+24.92	+23.20	+30.25	+20.13	+14.09	-43.78	+0.000							
D 2200	+23.65	+25.65	+26.37	+26.92	+28.89	+18.89	+24.92	+23.20	+30.25	+20.15	+14.13	-45.03	+0.000							
D 2215	+23.65	+25.65	+26.37	+26.94	+28.78	+18.79	+24.92	+23.20	+30.25	+19.85	+14.26	-47.09	+0.000							
D 2230	+23.65	+25.64	+26.37	+26.97	+28.67	+18.50	+24.92	+23.20	+30.25	+19.57	+14.41	-46.29	+0.000							
D 2245	+23.65	+25.64	+26.37	+26.99	+28.55	+18.10	+24.92	+23.20	+30.25	+19.68	+14.37	-46.36	+0.000							
D 2300	+23.65	+25.64	+26.37	+27.01	+28.44	+18.15	+24.92	+23.21	+30.26	+19.02	+14.74	-44.27	+0.000							
D 2315	+23.65	+25.65	+26.37	+27.02	+28.32	+17.87	+24.92	+23.21	+30.26	+19.68	+15.36	-43.80	+0.000							
D 2330	+23.65	+25.65	+26.37	+27.03	+28.19	+17.77	+24.92	+23.20	+30.26	+19.68	+15.73	-41.57	+0.000							
D 2345	+23.65	+25.65	+26.37	+27.04	+28.07	+16.65	+24.92	+23.21	+30.26	+19.68	+15.73	-41.57	+0.000							
D 0000	+23.65	+25.65	+26.37	+27.05	+27.95	+16.26	+24.92	+23.21	+30.25	+17.30	+15.59	-40.09	+0.000							
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D 0015	+23.65	+25.65	+26.38	+27.06	+27.83	+15.90	+24.92	+23.21	+30.25	+17.42	+15.49	-38.83	+0.000							
D 0030	+23.65	+25.65	+26.38	+27.06	+27.71	+15.61	+24.92	+23.21	+30.25	+17.49	+15.45	-39.04	+0.000							
D 0045	+23.65	+25.64	+26.38	+27.06	+27.59	+15.39	+24.92	+23.21	+30.25	+17.65	+15.36	-38.36	+0.000							
D 0100	+23.65	+25.64	+26.38	+27.05	+27.46	+15.24	+24.92	+23.20	+30.25	+17.19	+15.69	-39.30	+0.000							
D 0115	+23.65	+25.64	+26.38	+27.05	+27.34	+15.08	+24.92	+23.21	+30.25	+16.51	+15.92	-39.21	+0.000							
D 0130	+23.65	+25.64	+26.38	+27.04	+27.22	+14.61	+24.92	+23.21	+30.25	+16.23	+15.93	-37.91	+0.000							
D 0145	+23.65	+25.64	+26.38	+27.03	+27.10	+14.15	+24.92	+23.21	+30.25	+15.83	+16.16	-36.86	+0.000							
D 0200	+23.66	+25.64	+26.38	+27.02	+26.98	+13.93	+24.92	+23.21	+30.25	+15.73	+16.39	-37.62	+0.000							
D 0215	+23.65	+25.64	+26.39	+27.01	+26.86	+13.64	+24.92	+23.21	+30.25	+15.39	+16.59	-36.43	+0.000							
D 0230	+23.66	+25.64	+26.39	+27.00	+26.74	+13.33	+24.92	+23.21	+30.25	+15.52	+16.53	-36.08	+0.000							
D 0245	+23.66	+25.64	+26.39	+26.98	+26.62	+13.18	+24.91	+23.21	+30.25	+15.53	+16.56	-36.53	+0.000							
D 0300	+23.66	+25.64	+26.40	+26.96	+26.51	+13.02	+24.91	+23.21	+30.25	+14.98	+16.76	-35.86	+0.000							
D 0315	+23.66	+25.64	+26.40	+26.94	+26.39	+12.77	+24.91	+23.21	+30.24	+14.98	+16.69	-33.70	+0.000							
D 0330	+23.66	+25.64	+26.40	+26.92	+26.28	+12.60	+24.92	+23.21	+30.25	+15.13	+16.61	-33.94	+0.000							
D 0345	+23.65	+25.63	+26.40	+26.89	+26.15	+12.55	+24.92	+23.21	+30.25	+14.42	+17.02	-34.89	+0.000							
D 0400	+23.65	+25.63	+26.41	+26.87	+26.04	+12.30	+24.91	+23.21	+30.25	+14.54	+17.00	-35.40	+0.000							
D 0415	+23.65	+25.63	+26.40	+26.84	+25.92	+12.06	+24.91	+23.21	+30.25	+14.54	+17.00	-35.40	+0.000							
D 0430	+23.65	+25.63	+26.41	+26.82	+25.81	+11.92	+24.91	+23.21	+30.25	+14.64	+16.94	-36.21	+0.000							
D 0445	+23.65	+25.63	+26.41	+26.79	+25.70	+11.85	+24.91	+23.21	+30.25	+14.44	+17.05	-36.59	+0.000							
D 0500	+23.65	+25.63	+26.41	+26.77	+25.59	+11.65	+24.91	+23.21	+30.25	+13.30	+17.77	-33.10	+0.000							
D 0515	+23.65	+25.63	+26.42	+26.74	+25.48	+11.35	+24.91	+23.21	+30.25	+13.20	+17.91	-31.24	+0.000							
D 0530	+23.65	+25.63	+26.42	+26.71	+25.38	+11.22	+24.91	+23.22	+30.25	+13.20	+17.91	-31.24	+0.000							
D 0545	+23.66	+25.63	+26.42	+26.68	+25.27	+11.12	+24.91	+23.22	+30.26	+12.97	+18.12	-32.32	+0.000							
D 0600	+23.66	+25.63	+26.42	+26.64	+25.16	+10.96	+24.91	+23.22	+30.25	+13.45	+17.78	-31.69	+0.000							
D 0615	+23.66	+25.63	+26.43	+26.61	+25.04	+10.96	+24.91	+23.22	+30.26	+13.97	+17.29	-30.60	+0.000							
D 0630	+23.65	+25.63	+26.43	+26.57	+24.96	+11.02	+24.91	+23.22	+30.25	+14.23	+17.04	-29.55	+0.000							
D 0645	+23.66	+25.63	+26.43	+26.54	+24.85	+10.97	+24.91	+23.22	+30.25	+14.23	+17.04	-29.55	+0.000							
D 0700	+23.66	+25.63	+26.43	+26.51	+24.75	+10.98	+24.91	+23.22	+30.25	+13.61	+17.48	-27.24	+0.000							
D 0715	+23.66	+25.63	+26.43	+26.47	+24.65	+11.18	+24.91	+23.22	+30.25	+14.05	+17.33	-28.72	+0.000							
D 0730	+23.66	+25.63	+26.43	+26.43	+24.56	+11.68	+24.91	+23.22	+30.22	+14.05	+17.33	-28.72	+0.000							
D 0745	+23.66	+25.63	+26.44	+26.39	+24.46	+12.53	+24.90	+23.21	+30.19	+14.76	+17.05	-27.68	+0.000							
D 0800	+23.65	+25.62	+26.43	+26.35	+24.36	+13.77	+24.91	+23.22	+30.18	+15.91	+16.61	-25.81	+0.000							
D 0815	+23.66	+25.63	+26.44	+26.32	+24.27	+15.26	+24.90	+23.21	+30.13	+17.29	+16.07	-23.93	+0.000							
D 0830	+23.66	+25.62	+26.44	+26.28	+24.19	+16.58	+24.90	+23.22	+30.12	+16.42	+16.66	-29.50	+0.000							
D 0845	+23.66	+25.62	+26.44	+26.23	+24.10	+17.02	+24.90	+23.22	+30.12	+16.63	+16.62	-40.07	+0.000							
D 0900	+23.66	+25.62	+26.44	+26.20	+24.02	+17.26	+24.90	+23.21	+30.11	+16.63	+16.62	-40.07	+0.000							

Time	1.0m 1.75m 1.75m												Rel. Hum.	Net Rad.	Precip					
	1.75m			1.0m			.5m			.25m						Surf.	PVC	PVC	PVC	Air
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil				Soil	1.0m	1.75m	1.0m	
D 0915	+23.66	+25.62	+26.44	+26.15	+23.95	+18.82	+24.90	+23.21	+30.09	+17.31	+16.07	-184.5	+0.000							
D 0930	+23.66	+25.62	+26.44	+26.12	+23.89	+22.84	+24.90	+23.21	+30.08	+18.60	+15.66	-198.5	+0.000							
D 0945	+23.66	+25.62	+26.44	+26.08	+23.84	+21.61	+24.90	+23.21	+30.08	+19.26	+15.27	-221.7	+0.000							
D 1000	+23.67	+25.62	+26.44	+26.04	+23.79	+20.88	+24.90	+23.21	+30.09	+18.97	+15.43	-128.3	+0.000							
D 1015	+23.66	+25.62	+26.43	+26.00	+23.75	+20.23	+24.89	+23.21	+30.10	+18.33	+15.84	-102.7	+0.000							
D 1030	+23.66	+25.62	+26.43	+25.96	+23.74	+20.56	+24.89	+23.21	+30.10	+17.95	+16.06	-116.1	+0.000							
D 1045	+23.66	+25.61	+26.44	+25.92	+23.73	+20.05	+24.89	+23.21	+30.11	+18.40	+15.73	-58.2	+0.000							
D 1100	+23.66	+25.62	+26.43	+25.88	+23.73	+19.66	+24.89	+23.21	+30.12	+19.10	+14.94	-378.7	+0.000							
D 1115	+23.66	+25.61	+26.43	+25.84	+23.76	+19.46	+24.89	+23.21	+30.14	+22.19	+13.88	-351.2	+0.000							
D 1130	+23.66	+25.61	+26.43	+25.80	+23.80	+19.36	+24.89	+23.21	+30.16	+22.82	+13.59	-253.4	+0.000							
D 1145	+23.66	+25.61	+26.43	+25.76	+23.85	+19.22	+24.89	+23.21	+30.16	+23.09	+13.48	-354.5	+0.000							
D 1200	+23.66	+25.61	+26.42	+25.73	+23.91	+19.28	+24.89	+23.21	+30.17	+24.09	+12.88	-324.5	+0.000							
D 1215	+23.66	+25.61	+26.41	+25.69	+23.98	+19.15	+24.89	+23.21	+30.18	+24.58	+12.67	-360.5	+0.000							
D 1230	+23.66	+25.61	+26.41	+25.66	+24.08	+19.72	+24.89	+23.21	+30.18	+26.10	+12.03	-400.4	+0.000							
D 1245	+23.66	+25.61	+26.41	+25.64	+24.20	+43.79	+24.89	+23.21	+30.19	+25.96	+12.10	-235.2	+0.000							
D 1300	+23.66	+25.60	+26.41	+25.60	+24.32	+44.80	+24.89	+23.21	+30.19	+25.96	+12.10	-235.2	+0.000							
D 1315	+23.66	+25.61	+26.40	+25.58	+24.47	+43.96	+24.89	+23.21	+30.19	+26.90	+11.76	-408.7	+0.000							
D 1330	+23.65	+25.60	+26.40	+25.56	+24.63	+46.68	+24.89	+23.21	+30.20	+27.59	+11.43	-384.8	+0.000							
D 1345	+23.66	+25.61	+26.40	+25.54	+24.80	+48.69	+24.89	+23.21	+30.20	+28.20	+11.18	-385.1	+0.000							
D 1400	+23.66	+25.61	+26.40	+25.53	+24.99	+49.42	+24.89	+23.21	+30.20	+28.60	+11.00	-353.0	+0.000							
D 1415	+23.66	+25.60	+26.39	+25.51	+25.18	+49.91	+24.88	+23.21	+30.20	+28.80	+10.90	-345.6	+0.000							
D 1430	+23.66	+25.60	+26.38	+25.50	+25.39	+50.36	+24.88	+23.21	+30.20	+28.80	+10.71	-335.5	+0.000							
D 1445	+23.66	+25.60	+26.37	+25.49	+25.60	+50.63	+24.88	+23.21	+30.20	+29.13	+10.76	-331.4	+0.000							
D 1500	+23.66	+25.59	+26.36	+25.49	+25.83	+50.10	+24.88	+23.21	+30.19	+28.71	+10.87	-224.7	+0.000							
D 1515	+23.66	+25.59	+26.35	+25.49	+26.06	+47.54	+24.88	+23.21	+30.19	+29.15	+10.72	-272.8	+0.000							
D 1530	+																			



Time	1.75m			1.0m			.5m			.25m			.125m			Surf. Soil	PVC 1.0m	PVC 1.75m	PVC 1.75m	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil										
D 2315	+23.67	+25.59	+26.18	+26.65	+28.24	+17.99	+24.87	+23.22	+30.20	+19.70	+14.55	-42.46	+0.000										
D 2330	+23.67	+25.59	+26.19	+26.67	+28.13	+17.67	+24.87	+23.21	+30.19	+19.70	+14.55	-42.46	+0.000										
D 2345	+23.67	+25.59	+26.19	+26.69	+28.00	+17.51	+24.87	+23.21	+30.19	+19.34	+14.74	-45.55	+0.000										
D 0000	+23.68	+25.59	+26.19	+26.71	+27.89	+17.43	+24.87	+23.21	+30.19	+18.77	+15.04	-43.05	+0.000										
+ 87 254																							
D 0015	+23.67	+25.59	+26.18	+26.71	+27.76	+17.17	+24.87	+23.22	+30.19	+18.30	+15.38	-41.08	+0.000										
D 0030	+23.68	+25.59	+26.19	+26.73	+27.65	+17.12	+24.87	+23.22	+30.19	+18.30	+15.38	-41.08	+0.000										
D 0045	+23.67	+25.58	+26.19	+26.74	+27.52	+17.11	+24.87	+23.22	+30.19	+18.30	+15.38	-41.08	+0.000										
D 0100	+23.68	+25.59	+26.19	+26.74	+27.41	+17.06	+24.87	+23.21	+30.19	+18.14	+15.71	-38.97	+0.000										
D 0115	+23.67	+25.59	+26.19	+26.74	+27.29	+16.97	+24.88	+23.22	+30.20	+18.03	+15.80	-36.83	+0.000										
D 0130	+23.68	+25.58	+26.19	+26.74	+27.17	+16.82	+24.87	+23.22	+30.19	+17.85	+15.93	-37.13	+0.000										
D 0145	+23.67	+25.58	+26.19	+26.73	+26.95	+16.50	+24.87	+23.22	+30.19	+17.81	+15.95	-37.85	+0.000										
D 0200	+23.68	+25.59	+26.20	+26.73	+26.83	+16.40	+24.87	+23.22	+30.20	+17.75	+15.96	-39.81	+0.000										
D 0215	+23.68	+25.58	+26.20	+26.72	+26.72	+16.05	+24.86	+23.22	+30.19	+17.40	+16.11	-41.90	+0.000										
D 0230	+23.68	+25.58	+26.20	+26.71	+26.62	+15.65	+24.87	+23.22	+30.19	+17.14	+16.29	-40.92	+0.000										
D 0245	+23.68	+25.58	+26.20	+26.70	+26.50	+15.44	+24.87	+23.22	+30.19	+16.96	+16.48	-40.62	+0.000										
D 0300	+23.67	+25.57	+26.20	+26.68	+26.01	+14.11	+24.86	+23.22	+30.18	+15.32	+16.16	-40.88	+0.000										
D 0315	+23.68	+25.58	+26.21	+26.67	+26.41	+15.32	+24.87	+23.21	+30.19	+16.75	+16.38	-40.62	+0.000										
D 0330	+23.68	+25.58	+26.21	+26.66	+26.31	+15.08	+24.87	+23.22	+30.20	+16.93	+16.65	-42.43	+0.000										
D 0345	+23.68	+25.58	+26.21	+26.64	+26.21	+14.84	+24.87	+23.22	+30.19	+16.51	+16.99	-41.82	+0.000										
D 0400	+23.68	+25.58	+26.21	+26.62	+26.11	+14.48	+24.87	+23.22	+30.19	+15.49	+17.65	-40.51	+0.000										
D 0415	+23.67	+25.58	+26.21	+26.59	+26.01	+14.11	+24.86	+23.22	+30.18	+15.32	+16.16	-40.88	+0.000										
D 0430	+23.68	+25.58	+26.22	+26.58	+25.93	+14.03	+24.86	+23.22	+30.19	+15.48	+18.66	-42.09	+0.000										
D 0445	+23.68	+25.58	+26.22	+26.56	+25.82	+13.97	+24.86	+23.22	+30.19	+15.43	+18.59	-41.66	+0.000										
D 0500	+23.68	+25.58	+26.22	+26.54	+25.72	+13.84	+24.87	+23.22	+30.19	+15.33	+18.87	-41.19	+0.000										
D 0515	+23.68	+25.58	+26.22	+26.51	+25.63	+13.78	+24.86	+23.22	+30.18	+15.47	+18.82	-42.90	+0.000										
D 0530	+23.68	+25.58	+26.22	+26.49	+25.51	+13.79	+24.86	+23.22	+30.18	+15.46	+18.81	-41.76	+0.000										
D 0545	+23.68	+25.58	+26.23	+26.46	+25.44	+13.56	+24.86	+23.22	+30.18	+15.39	+18.75	-40.63	+0.000										
D 0600	+23.68	+25.58	+26.23	+26.43	+25.35	+13.39	+24.86	+23.22	+30.19	+15.11	+19.35	-41.06	+0.000										
D 0615	+23.68	+25.57	+26.23	+26.40	+25.25	+13.16	+24.86	+23.22	+30.19	+14.72	+19.78	-39.07	+0.000										
D 0630	+23.68	+25.57	+26.23	+26.38	+25.17	+12.73	+24.86	+23.22	+30.19	+13.46	+20.90	-39.05	+0.000										
D 0645	+23.68	+25.57	+26.23	+26.37	+25.03	+12.42	+24.86	+23.22	+30.19	+12.66	+21.77	-36.33	+0.000										
D 0700	+23.68	+25.57	+26.23	+26.32	+24.98	+11.86	+24.86	+23.22	+30.19	+12.03	+22.02	-35.73	+0.000										
D 0715	+23.68	+25.57	+26.24	+26.29	+24.89	+11.72	+24.86	+23.22	+30.19	+12.05	+24.78	-20.42	+0.000										
D 0730	+23.68	+25.57	+26.23	+26.26	+24.80	+11.97	+24.86	+23.22	+30.18	+12.55	+24.37	-5.271	+0.000										
D 0745	+23.68	+25.57	+26.24	+26.23	+24.72	+12.81	+24.86	+23.22	+30.18	+13.96	+22.75	+12.83	+0.000										
D 0800	+23.69	+25.57	+26.24	+26.20	+24.63	+13.96	+24.85	+23.22	+30.17	+15.41	+21.11	+33.92	+0.000										
D 0815	+23.68	+25.56	+26.24	+26.16	+24.54	+15.31	+24.85	+23.22	+30.15	+16.89	+20.02	+59.19	+0.000										
D 0830	+23.68	+25.56	+26.24	+26.13	+24.45	+16.72	+24.85	+23.22	+30.14	+17.40	+18.86	+083.3	+0.000										
D 0845	+23.68	+25.56	+26.24	+26.10	+24.37	+18.43	+24.85	+23.22	+30.12	+18.19	+17.93	+109.2	+0.000										
D 0900	+23.68	+25.56	+26.25	+26.06	+24.29	+20.42	+24.85	+23.22	+30.11	+18.21	+18.53	+135.4	+0.000										
D 0915	+23.68	+25.56	+26.24	+26.03	+24.21	+22.43	+24.85	+23.22	+30.10	+18.38	+18.50	+152.5	+0.000										
D 0930	+23.68	+25.56	+26.25	+26.00	+24.13	+24.16	+24.85	+23.22	+30.10	+18.68	+18.11	+189.6	+0.000										
D 0945	+23.68	+25.56	+26.25	+25.96	+24.09	+26.34	+24.85	+23.22	+30.10	+19.32	+17.63	+207.8	+0.000										
D 1000	+23.68	+25.56	+26.25	+25.92	+24.04	+28.24	+24.85	+23.22	+30.10	+19.88	+17.23	+232.8	+0.000										
D 1015	+23.68	+25.56	+26.25	+25.89	+24.01	+30.06	+24.84	+23.22	+30.11	+20.57	+16.69	+256.8	+0.000										
D 1030	+23.68	+25.56	+26.25	+25.86	+23.99	+31.91	+24.85	+23.22	+30.12	+21.05	+16.24	+277.2	+0.000										
D 1045	+23.68	+25.56	+26.25	+25.82	+23.98	+33.78	+24.85	+23.22	+30.12	+21.59	+15.79	+285.6	+0.000										
D 1100	+23.68	+25.55	+26.24	+25.78	+24.00	+35.55	+24.84	+23.22	+30.12	+22.03	+15.37	+307.2	+0.000										
D 1115	+23.68	+25.55	+26.24	+25.75	+24.03	+37.58	+24.84	+23.22	+30.13	+22.62	+14.94	+333.9	+0.000										
D 1130	+23.68	+25.55	+26.24	+25.72	+24.08	+39.46	+24.84	+23.21	+30.13	+23.02	+14.59	+345.3	+0.000										
D 1145	+23.68	+25.55	+26.24	+25.69	+24.07	+41.32	+24.84	+23.21	+30.13	+23.47	+14.13	+341.4	+0.000										
D 1200	+23.68	+25.54	+26.23	+25.65	+24.23	+43.34	+24.84	+23.21	+30.13	+23.86	+13.34	+357.3	+0.000										
D 1215	+23.68	+25.55	+26.24	+25.62	+24.34	+44.77	+24.84	+23.22	+30.14	+24.87	+13.37	+360.0	+0.000										
D 1230	+23.68	+25.55	+26.23	+25.59	+24.47	+45.86	+24.84	+23.21	+30.14	+25.30	+13.08	+366.2	+0.000										
D 1245	+23.68	+25.55	+26.23	+25.57	+24.61	+47.05	+24.84	+23.21	+30.14	+26.12	+12.57	+374.6	+0.000										

Time	1.75m			1.0m			.5m			.25m			.125m			Surf. Soil	PVC 1.0m	PVC 1.75m	PVC 1.75m	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil										
D 1300	+23.68	+25.54	+26.23	+25.55	+24.77	+47.97	+24.84	+23.22	+30.14	+26.52	+12.29	+390.6	+0.000										
D 1315	+23.69	+25.54	+26.23	+25.53	+24.94	+48.76	+24.84	+23.21	+30.14	+27.09	+11.81	+390.0	+0.000										
D 1330	+23.68	+25.54	+26.22	+25.51	+25.13	+49.22	+24.84	+23.21	+30.15	+27.24	+11.62	+384.6	+0.000										
D 1345	+23.68	+25.54	+26.22	+25.50	+25.33	+49.64	+24.84	+23.21	+30.14	+27.59	+11.43	+381.1	+0.000										
D 1400	+23.68	+25.54	+26.21	+25.48	+25.54	+50.03	+24.84	+23.22	+30.14	+27.78	+11.28	+374.1	+0.000										
D 1415	+23.68	+25.53	+26.21	+25.48	+25.73	+50.40	+24.84	+23.22	+30.14	+28.06	+11.17	+365.5	+0.000										
D 1430	+23.67	+25.53	+26.20	+25.47	+26.00	+50.63	+24.84	+23.21	+30.14	+28.23	+11.11	+345.9	+0.000										
D 1445	+23.68	+25.53	+26.20	+25.48	+26.24	+50.79	+24.83	+23.21	+30.14	+28.42	+11.04	+338.3	+0.000										
D 1500	+23.68	+25.53	+26.20	+25.49	+26.48	+50.95	+24.84	+23.21	+30.15	+28.91	+10.81	+323.1	+0.000										
D 1515	+23.68	+25.53	+26.19	+25.49	+26.73	+50.68	+24.83	+23.21	+30.14	+29.07	+10.76	+302.3	+0.000										
D 1530	+23.68	+25.53	+26.19	+25.51	+26.98	+49.43	+24.83	+23.21	+30.14	+29.08	+10.74	+280.9	+0.000										
D 1545	+23.68	+25.53	+26.19	+25.53	+27.24	+48.20	+24.83	+23.21	+30.14	+29.08	+10.74	+259.8	+0.000										
D 1600	+23.68	+25.53	+26.18	+25.55	+27.48	+47.63	+24.83	+23.22	+30.15	+29.17	+10.71	+242.6	+0.000										
D 1615	+23.68	+25.53	+26.17	+25.57	+27.72	+46.88	+24.83	+23.21	+30.14	+29.21	+10.69	+224.9	+0.000										
D 1630	+23.68	+25.53	+26.17	+25.60	+27.95	+45.83	+24.83	+23.21	+30.14	+29.23	+10.69	+198.3	+0.000										
D 1645	+23.69	+25.53	+26.17	+25.64	+28.18	+44.78	+24.82	+23.21	+30.14	+29.31	+10.66	+163.1	+0.000										
D 1700	+23.68	+25.53	+26.16	+25.68	+28.40	+43.71	+24.82	+23.21	+30.13	+29.35	+10.64	+128.9	+0.000										
D 1715	+23.68	+25.53	+26.15	+25.71	+28.60	+42.77	+24.83	+23.22	+30.14	+29.46	+10.60	+99.8	+0.000										
D 1730	+23.69	+25.53	+26.15	+25.76	+28.80	+41.36	+24.83	+23.21	+30.14	+29.10	+10.73	+68.3	+0.000										
D 1745	+23.68	+25.52	+26.13	+25.80	+28.96	+39.82	+24.82	+23.21	+30.14	+28.86	+10.82	+42.01	+0.000										
D 1800	+23.68	+25.52	+26.13	+25.85	+29.13	+37.92	+24.83	+23.22	+30.14	+27.87	+11.23	+36.86	+0.000										
D 1815	+23.69	+25.52	+26.13	+25.91	+29.27	+35.95	+24.82	+23.21	+30.14	+27.08	+11.58	+9.11	+0.000										
D 1830	+23.69	+25.53	+26.12	+25.96	+29.40	+34.16	+24.83	+23.21	+30.14	+26.29	+11.96	-3.959	+0.000										
D 1845	+23.68	+25.52	+26.12	+26.01	+29.51	+32.46	+24.82	+23.21	+30.14	+25.55	+12.30	-21.94	+0.000										
D 1900	+23.68	+25.52	+26.11	+26.06	+29.59	+30.84	+24.83	+23.22	+30.14	+24.80	+12.63												

Time	Soil					Surf. Soil	PVC			Air	Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m		1.0m	1.75m	1.75m				
D 0245	+23.70	+25.52	+26.11	+26.86	+26.79	+13.64	+24.81	+23.22	+30.13	+15.40	+16.78	-42.05	+0.000
D 0300	+23.70	+25.52	+26.11	+26.86	+26.79	+13.64	+24.81	+23.22	+30.13	+15.40	+16.78	-42.05	+0.000
D 0315	+23.70	+25.51	+26.12	+26.84	+26.66	+13.35	+24.82	+23.22	+30.13	+14.89	+17.09	-42.16	+0.000
D 0330	+23.70	+25.51	+26.12	+26.81	+26.41	+13.04	+24.81	+23.22	+30.12	+14.92	+17.14	-42.61	+0.000
D 0345	+23.70	+25.51	+26.13	+26.78	+26.29	+12.83	+24.80	+23.22	+30.12	+14.62	+17.17	-41.98	+0.000
D 0400	+23.69	+25.51	+26.13	+26.76	+26.17	+12.42	+24.81	+23.22	+30.13	+13.42	+17.79	-41.52	+0.000
D 0415	+23.70	+25.51	+26.13	+26.74	+26.06	+12.25	+24.81	+23.22	+30.12	+13.98	+17.46	-43.25	+0.000
D 0430	+23.70	+25.51	+26.14	+26.72	+25.94	+12.25	+24.81	+23.22	+30.12	+14.19	+17.32	-43.09	+0.000
D 0445	+23.70	+25.51	+26.14	+26.69	+25.87	+12.09	+24.80	+23.22	+30.12	+14.14	+17.25	-40.82	+0.000
D 0500	+23.70	+25.51	+26.15	+26.66	+25.71	+11.82	+24.81	+23.22	+30.12	+12.69	+18.15	-39.53	+0.000
D 0515	+23.70	+25.51	+26.15	+26.64	+25.60	+11.50	+24.81	+23.22	+30.12	+12.75	+18.05	-39.33	+0.000
D 0530	+23.70	+25.50	+26.15	+26.60	+25.48	+11.44	+24.81	+23.22	+30.12	+12.91	+17.97	-39.96	+0.000
D 0545	+23.70	+25.50	+26.15	+26.57	+25.37	+11.17	+24.81	+23.22	+30.12	+12.45	+18.16	-37.62	+0.000
D 0600	+23.70	+25.50	+26.16	+26.54	+25.27	+10.94	+24.81	+23.22	+30.11	+12.63	+17.73	-37.36	+0.000
D 0615	+23.70	+25.50	+26.16	+26.51	+25.16	+10.80	+24.80	+23.22	+30.12	+13.61	+17.34	-38.32	+0.000
D 0630	+23.70	+25.50	+26.17	+26.47	+25.05	+10.47	+24.80	+23.22	+30.13	+13.14	+17.58	-37.24	+0.000
D 0645	+23.71	+25.50	+26.17	+26.44	+24.94	+10.09	+24.81	+23.22	+30.13	+12.61	+17.78	-35.75	+0.000
D 0700	+23.70	+25.50	+26.17	+26.41	+24.83	+9.84	+24.81	+23.22	+30.13	+11.99	+18.23	-31.12	+0.000
D 0715	+23.70	+25.50	+26.17	+26.37	+24.73	+9.98	+24.81	+23.22	+30.12	+12.00	+18.72	-20.56	+0.000
D 0730	+23.70	+25.50	+26.17	+26.34	+24.63	+10.31	+24.80	+23.22	+30.12	+12.10	+18.48	-3.021	+0.000
D 0745	+23.70	+25.50	+26.18	+26.30	+24.53	+11.36	+24.80	+23.22	+30.10	+13.13	+17.87	+15.59	+0.000
D 0800	+23.71	+25.50	+26.19	+26.27	+24.43	+12.73	+24.80	+23.22	+30.08	+14.18	+17.27	+44.45	+0.000
D 0815	+23.70	+25.49	+26.18	+26.22	+24.32	+14.27	+24.80	+23.22	+30.05	+14.74	+17.06	+65.78	+0.000
D 0830	+23.70	+25.49	+26.19	+26.19	+24.24	+15.84	+24.80	+23.22	+30.04	+15.06	+16.73	+89.6	+0.000
D 0845	+23.70	+25.49	+26.19	+26.15	+24.12	+17.40	+24.80	+23.22	+30.01	+16.47	+16.24	+109.0	+0.000
D 0900	+23.70	+25.49	+26.18	+26.10	+24.02	+18.40	+24.80	+23.22	+30.01	+16.87	+16.01	+184.6	+0.000
D 0915	+23.70	+25.49	+26.19	+26.07	+23.95	+20.29	+24.80	+23.22	+29.99	+17.83	+15.68	+167.7	+0.000
D 0930	+23.70	+25.49	+26.20	+26.03	+23.87	+22.43	+24.80	+23.22	+29.98	+18.61	+15.81	+191.4	+0.000
D 0945	+23.70	+25.49	+26.19	+25.98	+23.79	+25.99	+24.79	+23.22	+29.98	+18.89	+15.59	+212.6	+0.000
D 1000	+23.71	+25.49	+26.20	+25.94	+23.75	+27.65	+24.79	+23.22	+29.99	+19.99	+15.42	+224.9	+0.000
D 1015	+23.70	+25.49	+26.20	+25.90	+23.71	+29.67	+24.80	+23.22	+30.00	+19.55	+15.31	+245.1	+0.000
D 1030	+23.70	+25.48	+26.19	+25.86	+23.68	+31.92	+24.79	+23.22	+30.01	+20.13	+15.06	+289.2	+0.000
D 1045	+23.70	+25.49	+26.20	+25.82	+23.68	+34.28	+24.79	+23.22	+30.02	+21.15	+14.52	+307.7	+0.000
D 1100	+23.70	+25.48	+26.19	+25.83	+23.69	+36.98	+24.81	+23.22	+30.03	+22.75	+14.75	+329.2	+0.000
D 1115	+23.70	+25.49	+26.20	+25.74	+23.72	+38.05	+24.79	+23.22	+30.04	+23.35	+13.41	+349.4	+0.000
D 1130	+23.70	+25.48	+26.19	+25.69	+23.77	+39.86	+24.79	+23.22	+30.05	+23.09	+13.41	+355.7	+0.000
D 1145	+23.70	+25.48	+26.19	+25.66	+23.84	+41.60	+24.79	+23.22	+30.05	+23.81	+13.09	+371.4	+0.000
D 1200	+23.70	+25.48	+26.20	+25.63	+23.93	+43.22	+24.79	+23.22	+30.06	+24.51	+12.71	+377.1	+0.000
D 1215	+23.70	+25.48	+26.19	+25.62	+24.04	+44.97	+24.79	+23.22	+30.07	+25.19	+12.39	+369.4	+0.000
D 1230	+23.70	+25.48	+26.20	+25.56	+24.17	+46.30	+24.79	+23.22	+30.06	+25.82	+12.04	+379.4	+0.000
D 1245	+23.70	+25.47	+26.18	+25.53	+24.32	+47.77	+24.79	+23.22	+30.07	+26.40	+11.78	+378.6	+0.000
D 1300	+23.70	+25.47	+26.18	+25.50	+24.49	+48.86	+24.78	+23.22	+30.07	+27.00	+11.52	+390.0	+0.000
D 1315	+23.70	+25.47	+26.18	+25.48	+24.67	+49.62	+24.79	+23.22	+30.08	+27.37	+11.36	+390.2	+0.000
D 1330	+23.70	+25.47	+26.18	+25.46	+24.87	+50.48	+24.78	+23.22	+30.07	+27.51	+11.34	+267.4	+0.000
D 1345	+23.70	+25.47	+26.17	+25.44	+25.08	+49.41	+24.78	+23.22	+30.07	+27.41	+11.39	+403.2	+0.000
D 1400	+23.70	+25.47	+26.17	+25.42	+25.31	+50.22	+24.79	+23.22	+30.08	+27.79	+11.26	+371.2	+0.000
D 1415	+23.69	+25.46	+26.16	+25.41	+25.54	+51.19	+24.78	+23.22	+30.08	+28.26	+11.05	+360.4	+0.000
D 1430	+23.70	+25.47	+26.16	+25.41	+25.78	+52.20	+24.78	+23.22	+30.08	+29.22	+10.64	+350.0	+0.000
D 1445	+23.69	+25.46	+26.15	+25.40	+26.03	+53.40	+24.78	+23.22	+30.09	+29.81	+10.44	+339.4	+0.000
D 1500	+23.70	+25.47	+26.15	+25.42	+26.29	+51.83	+24.78	+23.22	+30.08	+29.16	+10.71	+331.1	+0.000
D 1515	+23.69	+25.46	+26.15	+25.41	+26.54	+51.18	+24.78	+23.22	+30.07	+29.05	+10.64	+320.2	+0.000
D 1530	+23.70	+25.46	+26.14	+25.43	+26.81	+50.39	+24.78	+23.22	+30.07	+29.25	+10.68	+294.8	+0.000
D 1545	+23.70	+25.46	+26.14	+25.45	+27.07	+50.94	+24.77	+23.22	+30.08	+30.09	+10.38	+265.3	+0.000
D 1600	+23.70	+25.46	+26.13	+25.47	+27.32	+49.72	+24.78	+23.22	+30.08	+29.81	+10.44	+194.8	+0.000
D 1615	+23.70	+25.46	+26.13	+25.49	+27.58	+48.03	+24.78	+23.22	+30.07	+29.57	+10.51	+198.3	+0.000
D 1630	+23.70	+25.47	+26.12	+25.53	+27.83	+46.25	+24.77	+23.22	+30.07	+28.85	+10.74	+075.5	+0.000

Time	Soil					Surf. Soil	PVC			Air	Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m		1.0m	1.75m	1.75m				
D 1645	+23.70	+25.46	+26.11	+25.55	+28.06	+42.84	+24.78	+23.22	+30.07	+27.37	+11.28	+45.55	+0.000
D 1700	+23.70	+25.46	+26.11	+25.59	+28.29	+40.22	+24.77	+23.22	+30.07	+26.75	+11.54	+35.29	+0.000
D 1715	+23.69	+25.46	+26.10	+25.63	+28.56	+38.08	+24.78	+23.22	+30.07	+26.13	+11.75	+19.72	+0.000
D 1730	+23.70	+25.46	+26.09	+25.67	+28.70	+36.12	+24.78	+23.22	+30.08	+25.40	+12.06	+17.72	+0.000
D 1745	+23.70	+25.45	+26.08	+25.72	+28.87	+34.47	+24.77	+23.22	+30.07	+25.34	+12.12	+16.608	+0.000
D 1800	+23.70	+25.46	+26.08	+25.77	+29.02	+33.08	+24.77	+23.22	+30.07	+24.94	+12.29	+07.23	+0.000
D 1815	+23.70	+25.46	+26.07	+25.82	+29.14	+31.83	+24.77	+23.22	+30.07	+24.87	+12.34	+15.03	+0.000
D 1830	+23.70	+25.46	+26.07	+25.87	+29.25	+30.73	+24.77	+23.22	+30.07	+24.96	+12.23	+20.80	+0.000
D 1845	+23.70	+25.46	+26.06	+25.93	+29.32	+29.73	+24.77	+23.22	+30.07	+25.00	+12.20	+19.14	+0.000
D 1900	+23.70	+25.46	+26.06	+25.98	+29.37	+28.97	+24.77	+23.22	+30.07	+24.69	+12.37	+16.32	+0.000
D 1915	+23.70	+25.46	+26.05	+26.04	+29.40	+28.23	+24.77	+23.22	+30.07	+24.94	+12.67	+24.22	+0.000
D 1930	+23.70	+25.46	+26.05	+26.09	+29.41	+27.42	+24.78	+23.22	+30.08	+23.49	+12.89	+32.45	+0.000
D 1945	+23.70	+25.45	+26.05	+26.15	+29.41	+26.59	+24.77	+23.22	+30.07	+23.07	+13.02	+31.32	+0.000
D 2000	+23.70	+25.45	+26.04	+26.20	+29.39	+25.94	+24.77	+23.22	+30.07	+22.64	+13.18	+29.94	+0.000
D 2015	+23.70	+25.46	+26.03	+26.26	+29.35	+25.37	+24.77	+23.22	+30.08	+22.61	+13.28	+29.30	+0.000
D 2030	+23.70	+25.45	+26.03	+26.30	+29.30	+25.02	+24.77	+23.22	+30.07	+22.05	+13.05	+27.46	+0.000
D 2045	+23.70	+25.45	+26.03	+26.35	+29.24	+24.77	+24.77	+23.22	+30.07	+22.98	+13.06	+27.66	+0.000
D 2100	+23.70	+25.45	+26.02	+26.40	+29.14	+24.80	+24.78	+23.22	+30.08	+22.49	+13.24	+26.07	+0.000
D 2115	+23.70	+25.45	+26.02	+26.44	+29.11	+23.63	+24.77	+23.22	+30.07	+22.91	+13.10	+36.80	+0.000
D 2130	+23.71	+25.46	+26.02	+26.49	+29.04	+23.15	+24.76	+23.22	+30.07	+22.26	+13.37	+37.83	+0.000
D 2145	+23.71	+25.46	+26.02	+26.52	+28.95	+22.37	+24.77	+23.22	+30.07	+21.51	+13.65	+38.27	+0.000
D 2200	+23.70	+25.45	+26.02	+26.55	+28.87	+21.69	+24.77	+23.22	+30.07	+21.16	+13.78	+37.35	+0.000
D 2215	+23.70	+25.45	+26.01	+26.59	+28.78	+21.35	+24.76	+23.22	+30.07	+20.71	+13.94	+40.07	+0.000
D 2230	+23.70	+25.46	+26.02	+26.62	+28.69	+20.94	+24.77	+23.22	+30.07	+20.08	+14.14	+38.83	+0.000
D 2245	+23.70	+25.45	+26.01	+26.64	+28.59	+20.62	+24.77	+23.22	+30.07	+19.97	+14.21	+28.25	+0.000
D 2300	+23.71	+25.45	+26.01	+26.67	+28.50	+20.53	+24.76	+23.22	+30.07	+19.81	+14.26	+25.54	+

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m	1.75m	1.75m	Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m					
D 0630	23.71	25.43	26.10	26.46	25.61	15.54	24.75	23.22	30.06	16.30	16.30	-34.67	+0.000
D 0645	23.72	25.44	26.11	26.44	25.54	15.04	24.75	23.22	30.06	16.82	16.82	-36.46	+0.000
D 0700	23.72	25.44	26.11	26.44	25.46	14.72	24.75	23.22	30.06	17.03	15.82	-30.52	+0.000
D 0715	23.72	25.44	26.11	26.44	25.35	14.58	24.75	23.22	30.07	16.82	15.91	-29.65	+0.000
D 0730	23.72	25.44	26.11	26.36	25.30	14.89	24.75	23.22	30.06	16.28	16.38	-1.857	+0.000
D 0745	23.72	25.43	26.11	26.33	25.22	15.90	24.75	23.22	30.06	16.68	16.28	-17.66	+0.000
D 0800	23.71	25.43	26.11	26.30	25.15	17.08	24.75	23.22	30.07	17.49	15.94	-43.20	+0.000
D 0815	23.72	25.44	26.12	26.28	25.08	18.46	24.75	23.22	30.07	18.71	15.42	-67.14	+0.000
D 0830	23.71	25.43	26.12	26.25	25.00	18.75	24.75	23.22	30.06	19.33	15.19	-61.6	+0.000
D 0845	23.72	25.43	26.12	26.22	24.93	21.37	24.75	23.22	30.06	19.88	14.95	-130.3	+0.000
D 0900	23.71	25.42	26.12	26.18	24.86	23.11	24.75	23.22	30.06	20.44	14.65	-129.4	+0.000
D 0915	23.72	25.43	26.12	26.16	24.79	24.49	24.75	23.22	30.06	20.97	14.41	-154.4	+0.000
D 0930	23.72	25.43	26.12	26.13	24.74	24.06	24.74	23.21	30.05	21.91	14.00	-160.8	+0.000
D 0945	23.71	25.42	26.12	26.09	24.69	28.50	24.74	23.21	30.06	22.10	13.49	-234.5	+0.000
D 1000	23.71	25.43	26.12	26.06	24.65	31.14	24.74	23.21	30.05	23.95	13.09	-276.5	+0.000
D 1015	23.71	25.42	26.12	26.03	24.63	34.08	24.74	23.21	30.05	24.48	12.88	-258.3	+0.000
D 1030	23.71	25.42	26.12	26.00	24.61	35.13	24.74	23.21	30.05	24.51	12.76	-180.7	+0.000
D 1045	23.72	25.42	26.12	25.98	24.64	34.98	24.74	23.21	30.04	24.63	12.65	-222.8	+0.000
D 1100	23.71	25.41	26.12	25.94	24.64	35.18	24.74	23.22	30.05	24.64	12.65	-183.1	+0.000
D 1115	23.71	25.42	26.12	25.91	24.68	37.10	24.74	23.22	30.05	25.87	12.20	-387.1	+0.000
D 1130	23.72	25.42	26.14	25.89	24.74	41.30	24.74	23.21	30.05	26.98	11.74	-400.4	+0.000
D 1145	23.72	25.42	26.13	25.86	24.81	43.49	24.74	23.21	30.05	27.37	11.60	-297.2	+0.000
D 1200	23.71	25.41	26.13	25.80	24.89	43.88	24.74	23.21	30.05	27.13	11.48	-277.2	+0.000
D 1215	23.71	25.41	26.13	25.80	24.99	44.58	24.73	23.21	30.04	27.70	11.44	-378.5	+0.000
D 1230	23.71	25.41	26.13	25.78	25.11	46.47	24.74	23.21	30.05	27.50	11.52	-425.1	+0.000
D 1245	23.72	25.41	26.12	25.77	25.25	47.92	24.74	23.21	30.04	27.76	11.40	-395.8	+0.000
D 1300	23.71	25.41	26.12	25.74	25.39	48.43	24.74	23.21	30.05	28.07	11.28	-430.5	+0.000
D 1315	23.71	25.40	26.12	25.73	25.55	49.92	24.73	23.21	30.05	28.28	11.19	-408.1	+0.000
D 1330	23.71	25.40	26.12	25.72	25.71	50.92	24.73	23.21	30.04	28.44	11.10	-370.0	+0.000
D 1345	23.71	25.40	26.12	25.71	25.92	51.23	24.73	23.21	30.04	28.80	10.95	-407.4	+0.000
D 1400	23.71	25.40	26.11	25.70	26.12	50.64	24.74	23.21	30.05	28.28	11.13	-396.3	+0.000
D 1415	23.71	25.40	26.11	25.70	26.34	50.78	24.73	23.21	30.04	28.29	11.14	-373.0	+0.000
D 1430	23.71	25.40	26.11	25.70	26.56	51.55	24.73	23.21	30.04	28.87	10.91	-367.0	+0.000
D 1445	23.71	25.40	26.11	25.70	26.86	51.43	24.73	23.21	30.04	29.11	10.83	-347.5	+0.000
D 1500	23.71	25.40	26.11	25.72	27.04	51.98	24.73	23.21	30.04	29.38	10.74	-324.3	+0.000
D 1515	23.71	25.40	26.10	25.73	27.28	51.77	24.73	23.21	30.04	29.94	10.43	-338.5	+0.000
D 1530	23.71	25.40	26.10	25.74	27.52	51.63	24.72	23.21	30.03	29.65	10.53	-323.1	+0.000
D 1545	23.71	25.40	26.10	25.76	27.76	50.60	24.73	23.21	30.03	28.99	10.77	-073.9	+0.000
D 1600	23.72	25.41	26.10	25.80	28.01	46.80	24.73	23.21	30.03	28.08	11.10	-148.2	+0.000
D 1615	23.71	25.40	26.09	25.83	28.23	31.90	24.73	23.21	30.04	27.03	11.59	-071.9	+0.000
D 1630	23.71	25.40	26.09	25.85	28.48	38.68	24.73	23.21	30.04	25.11	12.44	-078.1	+0.000
D 1645	23.72	25.40	26.08	25.89	28.70	35.64	24.73	23.21	30.04	25.19	12.29	-071.2	+0.000
D 1700	23.71	25.40	26.07	25.92	28.90	34.80	24.73	23.21	30.04	25.86	12.06	-56.94	+0.000
D 1715	23.71	25.40	26.07	25.96	29.09	34.00	24.73	23.21	30.04	24.85	12.64	-53.23	+0.000
D 1730	23.72	25.39	26.06	26.00	29.25	32.73	24.73	23.21	30.04	24.10	13.40	-39.88	+0.000
D 1745	23.72	25.40	26.06	26.06	29.40	31.32	24.73	23.21	30.03	23.39	13.42	-09.65	+0.000
D 1800	23.72	25.40	26.06	26.10	29.50	29.92	24.73	23.21	30.03	23.00	13.61	-3.796	+0.000
D 1815	23.72	25.40	26.05	26.15	29.58	28.69	24.73	23.21	30.04	22.57	13.85	-15.48	+0.000
D 1830	23.72	25.40	26.05	26.15	29.65	27.56	24.73	23.21	30.04	22.56	13.97	-25.88	+0.000
D 1845	23.71	25.39	26.04	26.26	29.65	26.45	24.73	23.21	30.04	22.11	13.87	-35.01	+0.000
D 1900	23.72	25.40	26.05	26.32	29.66	25.49	24.73	23.21	30.04	21.97	13.96	-36.53	+0.000
D 1915	23.72	25.40	26.04	26.37	29.65	24.52	24.73	23.22	30.04	21.04	14.37	-45.31	+0.000
D 1930	23.72	25.40	26.04	26.43	29.63	23.49	24.72	23.21	30.03	20.33	14.70	-48.72	+0.000
D 1945	23.71	25.39	26.03	26.46	29.57	22.61	24.72	23.21	30.03	19.09	15.00	-48.36	+0.000
D 2000	23.72	25.40	26.04	26.52	29.52	21.87	24.72	23.21	30.03	19.27	15.31	-47.72	+0.000
D 2015	23.72	25.39	26.03	26.56	29.44	21.22	24.72	23.21	30.03	18.89	15.54	-46.76	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m	1.75m	1.75m	Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m					
D 2030	23.72	25.40	26.03	26.61	29.37	20.63	24.72	23.20	30.03	18.60	15.67	-44.92	+0.000
D 2045	23.72	25.40	26.02	26.65	29.27	20.06	24.72	23.22	30.03	19.03	15.67	-44.76	+0.000
D 2100	23.72	25.40	26.03	26.69	29.18	19.78	24.72	23.21	30.04	19.30	15.52	-43.39	+0.000
D 2115	23.72	25.40	26.03	26.72	29.07	19.46	24.73	23.21	30.03	19.06	15.70	-41.17	+0.000
D 2130	23.72	25.40	26.03	26.76	28.96	19.08	24.73	23.22	30.04	18.83	15.87	-40.17	+0.000
D 2145	23.73	25.40	26.03	26.79	28.84	18.72	24.72	23.22	30.03	18.58	15.97	-42.89	+0.000
D 2200	23.73	25.40	26.03	26.82	28.72	18.41	24.73	23.22	30.04	18.46	16.07	-41.98	+0.000
D 2215	23.72	25.40	26.03	26.84	28.59	18.01	24.72	23.21	30.03	18.09	16.31	-40.38	+0.000
D 2230	23.73	25.40	26.03	26.86	28.47	17.62	24.72	23.21	30.03	17.75	16.59	-36.96	+0.000
D 2245	23.73	25.40	26.03	26.88	28.35	17.34	24.72	23.22	30.03	17.52	16.77	-39.88	+0.000
D 2300	23.72	25.39	26.03	26.89	28.22	16.94	24.72	23.22	30.03	17.18	16.91	-36.30	+0.000
D 2315	23.73	25.40	26.03	26.90	28.09	16.68	24.72	23.21	30.03	17.55	16.58	-38.90	+0.000
D 2330	23.72	25.39	26.03	26.90	27.96	16.34	24.72	23.21	30.03	17.28	16.92	-42.00	+0.000
D 2345	23.72	25.39	26.03	26.93	27.83	15.93	24.73	23.21	30.03	16.90	17.47	-39.88	+0.000
D 0000	23.73	25.40	26.04	26.92	27.71	15.71	24.72	23.22	30.03	16.32	17.75	-37.80	+0.000
D 0015	23.73	25.39	26.04	26.92	27.58	15.35	24.72	23.21	30.03	15.87	18.07	-41.09	+0.000
D 0030	23.73	25.40	26.05	26.92	27.46	14.88	24.72	23.21	30.03	15.73	18.44	-40.07	+0.000
D 0045	23.73	25.39	26.05	26.91	27.33	14.81	24.72	23.21	30.03	16.28	18.23	-39.38	+0.000
D 0100	23.73	25.40	26.06	26.91	27.22	14.85	24.72	23.22	30.04	16.28	18.34	-39.49	+0.000
D 0115	23.73	25.39	26.05	26.89	27.08	14.79	24.71	23.21	30.03	16.20	18.36	-38.90	+0.000
D 0130	23.73	25.39	26.06	26.89	26.97	14.70	24.72	23.22	30.03	16.36	18.33	-40.10	+0.000
D 0145	23.73	25.39	26.07	26.87	26.84	14.57	24.71	23.21	30.03	16.48	18.31	-41.10	+0.000
D 0200	23.73	25.39	26.07	26.86	26.72	14.37	24.72	23.22	30.04	16.73	18.33	-39.92	+0.000
D 0215	23.73	25.39	26.07	26.84	26.60	13.88	24.72	23.21	30.03	15.58	19.07	-38.49	+0.000
D 0230	23.73	25.39	26.07	26.82	26.48	13.37	24.72	23.21	30.03	14.47	20.19	-38.81	+0.000
D 0245	23.73	25.39	26.08	26.80	26.37	13.03	24.72						



Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 1015	-23.73	-25.37	-26.15	-25.78	-23.56	+31.32	+24.70	+23.21	+29.96	+22.54	+16.87	+266.7	+0.000
D 1030	-23.73	-25.37	-26.15	-25.78	-23.56	+31.32	+24.70	+23.21	+29.96	+22.54	+16.87	+266.7	+0.000
D 1045	-23.73	-25.37	-26.15	-25.78	-23.56	+31.32	+24.70	+23.21	+29.96	+22.54	+16.87	+266.7	+0.000
D 1100	-23.73	-25.37	-26.15	-25.78	-23.56	+31.32	+24.70	+23.21	+29.96	+22.54	+16.87	+266.7	+0.000
D 1115	-23.73	-25.37	-26.15	-25.78	-23.56	+31.32	+24.70	+23.21	+29.96	+22.54	+16.87	+266.7	+0.000
D 1130	-23.73	-25.37	-26.15	-25.78	-23.56	+31.32	+24.70	+23.21	+29.96	+22.54	+16.87	+266.7	+0.000
D 1145	-23.73	-25.37	-26.15	-25.78	-23.56	+31.32	+24.70	+23.21	+29.96	+22.54	+16.87	+266.7	+0.000
D 1200	-23.73	-25.37	-26.15	-25.78	-23.56	+31.32	+24.70	+23.21	+29.96	+22.54	+16.87	+266.7	+0.000
D 1215	-23.73	-25.37	-26.15	-25.78	-23.56	+31.32	+24.70	+23.21	+29.96	+22.54	+16.87	+266.7	+0.000
D 1230	-23.73	-25.37	-26.15	-25.78	-23.56	+31.32	+24.70	+23.21	+29.96	+22.54	+16.87	+266.7	+0.000
D 1245	-23.72	-25.36	-26.13	-25.42	-24.31	+48.91	+24.70	+23.21	+30.00	+27.56	+11.76	+384.6	+0.000
D 1300	-23.72	-25.35	-26.12	-25.39	-24.48	+49.81	+24.70	+23.21	+30.00	+28.54	+11.52	+399.8	+0.000
D 1315	-23.73	-25.36	-26.13	-25.48	-24.88	+51.17	+24.69	+23.20	+30.00	+29.84	+11.33	+397.9	+0.000
D 1330	-23.72	-25.36	-26.11	-25.35	-24.88	+51.17	+24.69	+23.20	+30.00	+28.54	+11.52	+399.8	+0.000
D 1345	-23.72	-25.35	-26.11	-25.33	-25.10	+51.41	+24.70	+23.20	+30.00	+29.47	+10.87	+387.5	+0.000
D 1400	-23.72	-25.35	-26.10	-25.33	-25.34	+51.46	+24.69	+23.20	+30.00	+29.99	+10.73	+397.5	+0.000
D 1415	-23.73	-25.36	-26.10	-25.32	-25.58	+51.15	+24.69	+23.20	+30.00	+29.90	+10.64	+383.7	+0.000
D 1430	-23.73	-25.35	-26.09	-25.77	-25.82	+51.46	+24.69	+23.20	+30.00	+30.32	+10.54	+363.3	+0.000
D 1445	-23.73	-25.35	-26.09	-25.32	-26.08	+51.21	+24.69	+23.20	+29.99	+30.41	+10.49	+363.1	+0.000
D 1500	-23.73	-25.35	-26.09	-25.33	-26.34	+50.68	+24.70	+23.21	+30.00	+30.67	+10.37	+354.1	+0.000
D 1515	-23.73	-25.36	-26.08	-25.34	-26.60	+50.29	+24.69	+23.20	+29.99	+30.88	+10.25	+339.4	+0.000
D 1530	-23.73	-25.35	-26.07	-25.36	-26.86	+50.19	+24.69	+23.21	+30.00	+31.02	+10.17	+322.4	+0.000
D 1545	-23.73	-25.35	-26.07	-25.38	-27.11	+49.72	+24.69	+23.20	+30.00	+31.00	+10.17	+317.1	+0.000
D 1600	-23.73	-25.35	-26.06	-25.40	-27.36	+49.12	+24.69	+23.21	+30.00	+30.85	+10.31	+292.4	+0.000
D 1615	-23.72	-25.35	-26.06	-25.43	-27.60	+48.15	+24.68	+23.20	+29.99	+30.57	+10.48	+267.2	+0.000
D 1630	-23.73	-25.35	-26.05	-25.46	-27.83	+47.14	+24.69	+23.20	+30.00	+30.10	+10.70	+259.4	+0.000
D 1645	-23.72	-25.35	-26.05	-25.49	-28.06	+45.59	+24.69	+23.20	+30.00	+29.61	+10.87	+225.5	+0.000
D 1700	-23.73	-25.35	-26.04	-25.54	-28.28	+44.11	+24.69	+23.20	+30.00	+28.91	+11.15	+208.6	+0.000
D 1715	-23.72	-25.35	-26.03	-25.57	-28.51	+42.65	+24.69	+23.20	+30.00	+28.54	+11.33	+191.9	+0.000
D 1730	-23.73	-25.35	-26.03	-25.62	-28.68	+41.14	+24.69	+23.20	+30.01	+27.67	+11.74	+102.8	+0.000
D 1745	-23.73	-25.35	-26.02	-25.67	-28.86	+39.62	+24.69	+23.20	+30.00	+26.84	+12.04	+51.13	+0.000
D 1800	-23.73	-25.35	-26.02	-25.73	-29.02	+38.92	+24.69	+23.20	+30.00	+26.36	+12.35	+59.79	+0.000
D 1815	-23.01	-25.01	-26.01	-25.77	-29.17	+38.01	+24.69	+23.20	+30.00	+25.01	+12.66	+41.42	+0.000
D 1830	-23.73	-25.35	-26.00	-25.83	-29.29	+34.18	+24.69	+23.20	+30.00	+24.38	+12.96	+21.99	+0.000
D 1845	-23.73	-25.35	-25.99	-25.88	-29.39	+32.72	+24.69	+23.20	+30.01	+24.90	+12.99	-3.647	+0.000
D 1900	-23.73	-25.35	-25.99	-25.94	-29.48	+31.29	+24.69	+23.21	+30.00	+24.24	+13.39	-17.37	+0.000
D 1915	-23.73	-25.35	-25.98	-26.00	-29.55	+29.92	+24.69	+23.21	+30.01	+23.33	+14.35	-27.34	+0.000
D 1930	-23.73	-25.35	-25.98	-26.05	-29.60	+28.71	+24.69	+23.21	+30.01	+22.86	+14.79	-31.54	+0.000
D 1945	-23.73	-25.35	-25.97	-26.11	-29.63	+27.88	+24.69	+23.21	+30.01	+22.66	+15.29	-31.58	+0.000
D 2000	-23.73	-25.35	-25.97	-26.17	-29.64	+27.02	+24.69	+23.21	+30.01	+22.28	+15.98	-30.28	+0.000
D 2015	-23.73	-25.35	-25.96	-26.22	-29.63	+26.34	+24.69	+23.21	+30.00	+22.00	+16.03	-30.04	+0.000
D 2030	-23.73	-25.35	-25.96	-26.28	-29.61	+25.68	+24.69	+23.21	+30.01	+21.62	+16.37	-31.25	+0.000
D 2045	-23.73	-25.35	-25.96	-26.34	-29.58	+24.99	+24.69	+23.20	+30.00	+21.25	+16.64	-36.02	+0.000
D 2100	-23.73	-25.35	-25.95	-26.38	-29.52	+24.54	+24.69	+23.21	+30.00	+20.87	+17.21	-43.78	+0.000
D 2115	-23.73	-25.35	-25.95	-26.43	-29.46	+23.26	+24.68	+23.20	+30.00	+19.99	+18.31	-44.46	+0.000
D 2130	-23.73	-25.35	-25.95	-26.48	-29.40	+22.48	+24.69	+23.21	+30.01	+19.57	+18.95	-41.59	+0.000
D 2145	-23.74	-25.35	-25.95	-26.53	-29.32	+21.92	+24.69	+23.21	+30.01	+19.31	+19.29	-36.86	+0.000
D 2200	-23.73	-25.35	-25.94	-26.56	-29.23	+21.55	+24.69	+23.21	+30.01	+19.19	+19.71	-33.29	+0.000
D 2215	-23.73	-25.35	-25.94	-26.61	-29.14	+21.19	+24.69	+23.20	+30.00	+18.04	+22.51	-31.56	+0.000
D 2230	-23.74	-25.35	-25.94	-26.64	-29.06	+21.07	+24.68	+23.20	+30.00	+18.90	+21.65	-30.08	+0.000
D 2245	-23.74	-25.35	-25.94	-26.68	-28.95	+20.75	+24.68	+23.20	+30.00	+18.55	+21.31	-30.08	+0.000
D 2300	-23.73	-25.35	-25.94	-26.70	-28.84	+20.39	+24.69	+23.21	+30.00	+18.39	+21.56	-31.23	+0.000
D 2315	-23.73	-25.35	-25.94	-26.73	-28.73	+19.95	+24.68	+23.20	+29.99	+18.26	+22.06	-34.63	+0.000
D 2330	-23.74	-25.35	-25.94	-26.76	-28.62	+19.54	+24.69	+23.21	+30.00	+18.04	+22.51	-37.90	+0.000
D 2345	-23.74	-25.35	-25.95	-26.78	-28.51	+19.07	+24.69	+23.20	+30.00	+17.58	+23.46	-41.35	+0.000
D 0000	-23.74	-25.35	-25.95	-26.80	-28.40	+18.54	+24.68	+23.21	+30.01	+17.17	+24.55	-42.09	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 0015	-23.74	-25.35	-25.95	-26.81	-28.28	+18.01	+24.68	+23.21	+30.00	+16.75	+25.68	-42.38	+0.000
D 0030	-23.74	-25.35	-25.95	-26.83	-28.16	+17.44	+24.68	+23.20	+30.00	+16.23	+27.68	-42.38	+0.000
D 0045	-23.74	-25.36	-25.96	-26.84	-28.06	+17.04	+24.69	+23.21	+30.01	+16.13	+27.82	-43.94	+0.000
D 0100	-23.74	-25.36	-25.96	-26.84	-27.94	+16.81	+24.69	+23.21	+30.01	+16.15	+27.85	-44.20	+0.000
D 0115	-23.74	-25.36	-25.96	-26.85	-27.82	+16.55	+24.68	+23.21	+30.00	+16.03	+27.96	-45.07	+0.000
D 0130	-23.74	-25.36	-25.96	-26.85	-27.70	+16.30	+24.69	+23.21	+30.00	+15.91	+28.07	-45.32	+0.000
D 0145	-23.74	-25.35	-25.97	-26.85	-27.59	+16.11	+24.69	+23.21	+30.00	+15.74	+28.15	-46.00	+0.000
D 0200	-23.74	-25.35	-25.97	-26.84	-27.47	+15.87	+24.69	+23.21	+30.01	+15.52	+28.77	-44.53	+0.000
D 0215	-23.74	-25.34	-25.97	-26.84	-27.35	+15.61	+24.68	+23.21	+30.00	+15.21	+29.52	-44.75	+0.000
D 0230	-23.74	-25.35	-25.98	-26.84	-27.23	+15.34	+24.69	+23.21	+30.00	+15.06	+29.84	-43.71	+0.000
D 0245	-23.74	-25.35	-25.98	-26.83	-27.11	+15.10	+24.68	+23.21	+30.00	+14.97	+29.83	-44.09	+0.000
D 0300	-23.74	-25.35	-25.98	-26.82	-26.99	+14.80	+24.68	+23.21	+30.00	+14.79	+29.94	-43.75	+0.000
D 0315	-23.75	-25.35	-25.99	-26.81	-26.88	+14.54	+24.69	+23.21	+30.00	+14.48	+30.51	-43.06	+0.000
D 0330	-23.74	-25.35	-25.99	-26.79	-26.76	+14.26	+24.68	+23.21	+30.00	+14.29	+30.76	-42.50	+0.000
D 0345	-23.74	-25.35	-26.00	-26.78	-26.65	+13.98	+24.69	+23.21	+30.00	+14.11	+30.83	-41.81	+0.000
D 0400	-23.74	-25.35	-26.00	-26.76	-26.53	+13.71	+24.68	+23.21	+30.00	+14.09	+30.52	-43.53	+0.000
D 0415	-23.74	-25.35	-26.01	-26.74	-26.42	+13.45	+24.68	+23.21	+30.00	+13.92	+30.29	-41.17	+0.000
D 0430	-23.74	-25.34	-26.01	-26.72	-26.30	+13.05	+24.67	+23.21	+30.01	+13.35	+31.75	-41.35	+0.000
D 0445	-23.74	-25.34	-26.01	-26.70	-26.18	+12.70	+24.68	+23.21	+30.00	+13.03	+32.13	-41.51	+0.000
D 0500	-23.74	-25.35	-26.01	-26.68	-26.08	+12.46	+24.68	+23.21	+29.99	+12.79	+34.68	-41.32	+0.000
D 0515	-23.74	-25.35	-26.02	-26.66	-25.96	+12.23	+24.68	+23.21	+30.00	+12.66	+35.56	-41.02	+0.000
D 0530	-23.74	-25.34	-26.02	-26.63	-25.85	+12.00	+24.68	+23.21	+30.00	+12.82	+35.49	-41.07	+0.000
D 0545	-23.74	-25.34	-26.03	-26.60	-25.74	+11.87	+24.69	+23.21	+30.00	+12.70	+35.91	-40.39	+0.000
D 0600	-23.74	-25.34	-26.04	-26.58	-25.63	+11.59	+24.69	+23.21	+30.01	+12.61	+37.01	-41.17	+0.000
D 0615	-23.74	-25.34	-26.03	-26.54	-25.52	+11.56	+24.68	+23.21	+30.00	+12.78	+37.35	-41.20	+0.000
D 0630	-23.74	-25.34	-26.04	-26.52	-25.41	+11.55	+24.68	+23.21	+30.00	+12.57	+38.25	-41.35	

Time	1.75m					1.0m		1.75m		Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC				Air
	1.75m	1.0m	.5m	.25m	.125m	1.0m	1.75m	1.0m	1.75m				1.0m
D 1400	+23.74	+25.31	+26.07	+25.54	+25.66	+48.95	+24.66	+23.20	+29.98	+27.91	+11.22	+416.8	+0.000
D 1415	+23.74	+25.31	+26.07	+25.54	+25.66	+48.95	+24.66	+23.20	+29.98	+27.72	+11.26	+409.9	+0.000
D 1430	+23.74	+25.31	+26.06	+25.53	+25.66	+48.95	+24.66	+23.20	+29.97	+27.58	+11.26	+409.5	+0.000
D 1445	+23.74	+25.31	+26.06	+25.53	+25.66	+48.95	+24.66	+23.20	+29.98	+27.91	+11.14	+388.2	+0.000
D 1500	+23.73	+25.31	+26.05	+25.53	+25.66	+48.95	+24.66	+23.20	+29.98	+28.16	+11.86	+369.7	+0.000
D 1515	+23.73	+25.31	+26.05	+25.54	+25.66	+48.95	+24.66	+23.20	+29.98	+27.72	+11.21	+357.2	+0.000
D 1530	+23.73	+25.31	+26.05	+25.53	+25.66	+48.95	+24.66	+23.20	+29.98	+27.58	+11.23	+340.7	+0.000
D 1545	+23.73	+25.31	+26.04	+25.52	+25.66	+48.95	+24.66	+23.20	+29.98	+27.60	+11.22	+291.5	+0.000
D 1600	+23.74	+25.31	+26.04	+25.59	+25.66	+48.95	+24.66	+23.20	+29.98	+27.35	+11.30	+242.6	+0.000
D 1615	+23.73	+25.31	+26.03	+25.61	+25.66	+48.95	+24.66	+23.20	+29.98	+27.11	+11.38	+212.7	+0.000
D 1630	+23.73	+25.30	+26.02	+25.67	+25.66	+48.95	+24.66	+23.20	+29.97	+26.68	+11.54	+181.4	+0.000
D 1700	+23.73	+25.30	+26.02	+25.71	+25.66	+48.95	+24.66	+23.20	+29.97	+25.75	+11.88	+140.9	+0.000
D 1715	+23.74	+25.31	+26.01	+25.75	+25.66	+48.95	+24.66	+23.20	+29.98	+26.41	+11.64	+174.4	+0.000
D 1730	+23.74	+25.31	+26.01	+25.78	+25.66	+48.95	+24.66	+23.20	+29.98	+25.75	+11.30	+140.9	+0.000
D 1745	+23.74	+25.31	+26.00	+25.83	+25.66	+48.95	+24.66	+23.20	+29.98	+24.61	+12.29	+39.42	+0.000
D 1800	+23.74	+25.30	+26.00	+25.87	+25.66	+48.95	+24.66	+23.20	+29.97	+25.32	+12.04	+081.6	+0.000
D 1815	+23.74	+25.31	+25.99	+25.97	+25.66	+48.95	+24.66	+23.21	+29.99	+23.27	+12.77	+14.27	+0.000
D 1830	+23.74	+25.31	+25.99	+25.97	+25.66	+48.95	+24.66	+23.21	+29.99	+22.58	+13.02	+47.49	+0.000
D 1845	+23.74	+25.31	+25.99	+26.01	+25.66	+48.95	+24.66	+23.21	+29.97	+22.58	+13.02	+47.49	+0.000
D 1900	+23.74	+25.31	+25.98	+26.07	+25.66	+48.95	+24.66	+23.20	+29.99	+21.04	+13.64	+54.62	+0.000
D 1915	+23.74	+25.31	+25.98	+26.12	+25.66	+48.95	+24.66	+23.20	+29.99	+19.78	+14.15	+57.88	+0.000
D 1930	+23.74	+25.31	+25.97	+26.16	+25.66	+48.95	+24.66	+23.20	+29.98	+20.45	+13.95	+56.35	+0.000
D 1945	+23.74	+25.31	+25.97	+26.21	+25.66	+48.95	+24.66	+23.20	+29.98	+20.01	+14.23	+57.68	+0.000
D 2000	+23.75	+25.31	+25.97	+26.26	+25.66	+48.95	+24.66	+23.20	+29.97	+19.78	+14.15	+57.88	+0.000
D 2015	+23.75	+25.31	+25.97	+26.31	+25.66	+48.95	+24.66	+23.20	+29.97	+19.14	+14.50	+56.81	+0.000
D 2030	+23.74	+25.31	+25.96	+26.35	+25.66	+48.95	+24.66	+23.20	+29.97	+18.65	+14.63	+54.97	+0.000
D 2045	+23.74	+25.31	+25.95	+26.39	+25.66	+48.95	+24.66	+23.20	+29.98	+18.70	+14.64	+55.65	+0.000
D 2100	+23.75	+25.31	+25.95	+26.44	+25.66	+48.95	+24.66	+23.20	+29.98	+18.49	+14.67	+54.25	+0.000
D 2115	+23.74	+25.31	+25.95	+26.47	+25.66	+48.95	+24.66	+23.21	+29.98	+18.49	+14.67	+54.25	+0.000
D 2130	+23.78	+25.31	+25.98	+26.53	+25.66	+48.95	+24.66	+23.21	+29.98	+18.87	+14.68	+55.87	+0.000
D 2145	+23.75	+25.31	+25.95	+26.58	+25.66	+48.95	+24.66	+23.20	+29.97	+18.77	+14.45	+57.34	+0.000
D 2200	+23.75	+25.31	+25.95	+26.58	+25.66	+48.95	+24.66	+23.20	+29.97	+17.91	+15.08	+56.70	+0.000
D 2215	+23.75	+25.31	+25.95	+26.58	+25.66	+48.95	+24.66	+23.20	+29.97	+16.54	+18.33	+54.29	+0.000
D 2230	+23.75	+25.31	+25.95	+26.60	+25.66	+48.95	+24.66	+23.20	+29.97	+15.69	+20.52	+52.43	+0.000
D 2245	+23.74	+25.31	+25.94	+26.65	+25.66	+48.95	+24.66	+23.20	+29.97	+15.22	+21.42	+52.41	+0.000
D 2300	+23.75	+25.32	+25.95	+26.67	+25.66	+48.95	+24.66	+23.20	+29.97	+15.28	+21.11	+54.47	+0.000
D 2315	+23.75	+25.31	+25.94	+26.68	+25.66	+48.95	+24.66	+23.20	+29.97	+15.22	+22.30	+54.53	+0.000
D 2330	+23.75	+25.30	+25.98	+26.58	+25.66	+48.95	+24.66	+23.20	+29.98	+15.14	+22.27	+54.77	+0.000
D 2345	+23.75	+25.31	+25.95	+26.71	+25.66	+48.95	+24.66	+23.20	+29.98	+14.67	+22.96	+52.47	+0.000
D 0000	+23.75	+25.31	+25.95	+26.71	+25.66	+48.95	+24.66	+23.21	+29.98	+14.67	+22.96	+52.47	+0.000
* 07 258													
D 0015	+23.75	+25.31	+25.95	+26.72	+27.40	+14.48	+24.66	+23.20	+29.98	+14.51	+23.23	+52.08	+0.000
D 0030	+23.75	+25.31	+25.96	+26.72	+27.36	+14.13	+24.65	+23.20	+29.97	+14.21	+23.54	+51.64	+0.000
D 0045	+23.75	+25.31	+25.96	+26.71	+27.13	+13.84	+24.65	+23.20	+29.97	+14.36	+22.39	+52.73	+0.000
D 0100	+23.75	+25.31	+25.96	+26.70	+26.99	+13.75	+24.65	+23.20	+29.97	+14.57	+21.65	+50.59	+0.000
D 0115	+23.75	+25.31	+25.96	+26.70	+26.86	+13.65	+24.65	+23.20	+29.97	+14.59	+21.76	+51.00	+0.000
D 0130	+23.75	+25.30	+25.96	+26.69	+26.72	+13.65	+24.65	+23.20	+29.97	+14.51	+21.95	+50.35	+0.000
D 0145	+23.75	+25.31	+25.97	+26.67	+26.59	+13.26	+24.65	+23.20	+29.97	+13.95	+22.79	+49.53	+0.000
D 0160	+23.75	+25.31	+25.97	+26.66	+26.46	+12.99	+24.65	+23.20	+29.97	+13.95	+22.79	+49.53	+0.000
D 0215	+23.75	+25.30	+25.97	+26.64	+26.33	+12.42	+24.65	+23.20	+29.97	+12.99	+24.73	+45.43	+0.000
D 0230	+23.75	+25.30	+25.98	+26.63	+26.21	+11.97	+24.65	+23.20	+29.98	+12.88	+24.95	+44.35	+0.000
D 0245	+23.75	+25.31	+25.98	+26.61	+26.08	+11.97	+24.65	+23.20	+29.97	+12.79	+24.80	+43.33	+0.000
D 0300	+23.75	+25.30	+25.98	+26.58	+25.96	+11.29	+24.65	+23.20	+29.98	+12.93	+23.80	+43.79	+0.000
D 0315	+23.75	+25.31	+25.99	+26.56	+25.84	+11.00	+24.66	+23.20	+29.98	+12.78	+23.92	+43.90	+0.000
D 0330	+23.75	+25.31	+25.99	+26.54	+25.72	+10.78	+24.65	+23.21	+29.98	+12.78	+23.92	+43.90	+0.000

Time	1.75m					1.0m		1.75m		Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC				Air
	1.75m	1.0m	.5m	.25m	.125m	1.0m	1.75m	1.0m	1.75m				1.0m
D 0345	+23.75	+25.31	+25.99	+26.51	+25.60	+10.52	+24.66	+23.21	+29.98	+12.47	+24.09	+43.34	+0.000
D 0400	+23.75	+25.30	+25.99	+26.48	+25.47	+10.25	+24.66	+23.20	+29.97	+11.96	+24.39	+42.46	+0.000
D 0415	+23.76	+25.31	+26.00	+26.43	+25.24	+9.96	+24.65	+23.20	+29.97	+11.80	+23.85	+40.87	+0.000
D 0430	+23.76	+25.30	+26.00	+26.40	+25.12	+9.25	+24.65	+23.20	+29.98	+11.43	+24.00	+39.94	+0.000
D 0445	+23.76	+25.30	+26.00	+26.40	+25.09	+8.96	+24.65	+23.20	+29.97	+11.32	+23.86	+39.90	+0.000
D 0500	+23.76	+25.31	+26.01	+26.37	+25.00	+8.08	+24.65	+23.20	+29.97	+11.72	+23.16	+39.28	+0.000
D 0515	+23.76	+25.31	+26.01	+26.37	+25.00	+8.08	+24.65	+23.20	+29.98	+11.89	+22.91	+39.35	+0.000
D 0530	+23.75	+25.30	+26.01	+26.30	+24.76	+8.64	+24.65	+23.20	+29.99	+11.77	+22.84	+38.06	+0.000
D 0545	+23.75	+25.30	+26.02	+26.27	+24.64	+8.37	+24.65	+23.21	+29.98	+11.22	+23.03	+37.25	+0.000
D 0600	+23.75	+25.30	+26.02	+26.23	+24.53	+8.11	+24.65	+23.20	+29.98	+10.63	+23.33	+37.29	+0.000
D 0615	+23.76	+25.31	+26.02	+26.20	+24.42	+7.93	+24.65	+23.20	+29.98	+10.34	+23.64	+38.26	+0.000
D 0630	+23.76	+25.30	+26.02	+26.16	+24.30	+7.74	+24.65	+23.21	+29.98	+9.87	+23.55	+37.74	+0.000
D 0645	+23.76	+25.30	+26.03	+26.12	+24.19	+7.62	+24.66	+23.21	+29.95	+9.79	+25.55	+36.39	+0.000
D 0700	+23.76	+25.31	+26.03	+26.08	+24.07	+7.51	+24.65	+23.21	+29.92	+9.61	+25.33	+30.72	+0.000
D 0715	+23.76	+25.31	+26.03	+26.04	+23.96	+7.56	+24.65	+23.21	+29.89	+10.03	+24.75	+23.33	+0.000
D 0730	+23.76	+25.30	+26.03	+26.00	+23.84	+8.17	+24.65	+23.21	+29.85	+10.84	+24.07	+09.17	+0.000
D 0745	+23.76	+25.30	+26.03	+25.96	+23.79	+9.47	+24.65	+23.21	+29.82	+12.01	+23.04	+09.51	+0.000
D 0800	+23.76	+25.30	+26.03	+25.92	+23.62	+11.15	+24.65	+23.21	+29.80	+12.58	+23.14	+39.98	+0.000
D 0815	+23.75	+25.30	+26.03	+25.87	+23.51	+12.95	+24.65	+23.20	+29.78	+13.81	+22.00	+070.1	+0.000
D 0830	+23.75	+25.30	+26.04	+25.83	+23.40	+14.77	+24.65	+23.20	+29.75	+14.85	+20.77	+101.7	+0.000
D 0845	+23.75	+25.29	+26.03	+25.78	+23.30	+16.83	+24.65	+23.20	+29.73	+15.66	+19.45	+128.9	+0.000
D 0900	+23.75	+25.29	+26.03	+25.74	+23.20	+19.25	+24.64	+23.20	+29.71	+16.26	+19.11	+158.9	+0.000
D 0915	+23.75	+25.29	+26.03	+25.69	+23.12	+21.60	+24.64	+23.20	+29.71	+16.62	+19.01	+183.8	+0.000
D 0930	+23.75	+25.29	+26.03	+25.65	+23.03	+24.00	+24.64	+23.20	+29.70	+17.14	+19.13	+208.5	+0.000
D 0945	+23.76	+25.29	+26.03	+25.61	+22.92	+26.12	+24.64	+23.20	+29.70	+17.59	+18.62	+245.1	+0.000
D 1000	+23.75	+25.29	+26.03	+25.56	+22.87	+28.08	+24.64	+23.20	+29.70	+17.71	+18.52	+282.1	+0.000
D 1015	+23.75	+25.29											



Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 1745	+23.75	+25.27	+25.88	+25.31	+28.23	+35.61	+24.62	+23.19	+29.93	+24.57	+12.30	+073.3	+0.000
D 1800	+23.75	+25.27	+25.87	+25.35	+28.38	+33.78	+24.62	+23.19	+29.93	+24.19	+12.44	+27.30	+0.000
D 1815	+23.75	+25.27	+25.86	+25.41	+28.51	+31.99	+24.62	+23.19	+29.93	+23.29	+12.76	+29.49	+0.000
D 1830	+23.75	+25.27	+25.86	+25.46	+28.63	+30.22	+24.61	+23.19	+29.93	+22.74	+12.96	+4.523	+0.000
D 1845	+23.75	+25.27	+25.85	+25.52	+28.72	+28.55	+24.63	+23.20	+29.94	+22.01	+13.24	+26.38	+0.000
D 1900	+23.75	+25.27	+25.84	+25.62	+28.78	+26.77	+24.63	+23.19	+29.94	+21.07	+13.62	+49.00	+0.000
D 1915	+23.75	+25.27	+25.83	+25.69	+28.83	+25.02	+24.63	+23.19	+29.93	+20.16	+13.91	+56.77	+0.000
D 1930	+23.75	+25.27	+25.83	+25.68	+28.86	+23.69	+24.63	+23.20	+29.94	+19.63	+14.24	+57.33	+0.000
D 1945	+23.75	+25.28	+25.82	+25.74	+28.87	+22.57	+24.63	+23.20	+29.94	+19.15	+14.46	+55.27	+0.000
D 2000	+23.75	+25.27	+25.81	+25.78	+28.85	+21.51	+24.62	+23.19	+29.94	+18.67	+14.81	+54.45	+0.000
D 2015	+23.75	+25.27	+25.81	+25.84	+28.82	+20.77	+24.62	+23.19	+29.93	+18.42	+15.13	+53.70	+0.000
D 2030	+23.75	+25.27	+25.80	+25.89	+28.77	+19.98	+24.61	+23.19	+29.93	+17.93	+15.49	+51.65	+0.000
D 2045	+23.75	+25.28	+25.80	+25.94	+28.71	+19.21	+24.62	+23.19	+29.93	+17.53	+15.88	+51.22	+0.000
D 2100	+23.76	+25.28	+25.79	+25.99	+28.64	+18.60	+24.62	+23.19	+29.93	+16.88	+16.75	+51.46	+0.000
D 2115	+23.76	+25.28	+25.80	+26.03	+28.55	+18.05	+24.62	+23.19	+29.94	+16.27	+17.69	+51.57	+0.000
D 2130	+23.76	+25.27	+25.79	+26.07	+28.44	+17.57	+24.62	+23.20	+29.94	+16.19	+18.25	+51.81	+0.000
D 2145	+23.76	+25.28	+25.79	+26.12	+28.33	+17.27	+24.62	+23.19	+29.93	+16.30	+18.49	+54.39	+0.000
D 2200	+23.75	+25.27	+25.78	+26.14	+28.20	+16.90	+24.62	+23.19	+29.93	+15.90	+19.17	+52.64	+0.000
D 2215	+23.75	+25.27	+25.78	+26.18	+28.08	+16.57	+24.63	+23.20	+29.94	+15.68	+18.76	+52.23	+0.000
D 2230	+23.75	+25.28	+25.78	+26.21	+27.95	+16.15	+24.63	+23.20	+29.94	+15.34	+18.99	+51.75	+0.000
D 2245	+23.75	+25.27	+25.77	+26.23	+27.81	+15.72	+24.63	+23.20	+29.94	+15.03	+19.22	+48.96	+0.000
D 2300	+23.76	+25.27	+25.77	+26.25	+27.69	+15.25	+24.62	+23.20	+29.94	+14.61	+19.70	+48.79	+0.000
D 2315	+23.75	+25.27	+25.77	+26.27	+27.55	+14.91	+24.63	+23.20	+29.94	+14.62	+19.98	+51.48	+0.000
D 2330	+23.76	+25.27	+25.77	+26.29	+27.42	+14.66	+24.63	+23.20	+29.94	+14.41	+20.28	+48.63	+0.000
D 2345	+23.75	+25.27	+25.77	+26.30	+27.27	+14.29	+24.62	+23.19	+29.94	+13.86	+20.53	+48.46	+0.000
D 0000	+23.76	+25.28	+25.78	+26.31	+27.14	+13.92	+24.62	+23.20	+29.94	+13.39	+20.95	+47.47	+0.000
D 07 25													
D 0015	+23.76	+25.28	+25.78	+26.32	+27.01	+13.56	+24.62	+23.20	+29.95	+13.14	+21.25	+46.42	+0.000
D 0030	+23.76	+25.27	+25.77	+26.32	+26.86	+13.22	+24.62	+23.20	+29.94	+12.99	+21.23	+47.87	+0.000
D 0045	+23.76	+25.27	+25.78	+26.32	+26.72	+12.80	+24.62	+23.20	+29.94	+12.99	+21.02	+49.27	+0.000
D 0100	+23.75	+25.27	+25.78	+26.31	+26.58	+12.47	+24.62	+23.20	+29.94	+12.91	+20.79	+47.94	+0.000
D 0115	+23.76	+25.27	+25.77	+26.31	+26.45	+12.18	+24.61	+23.20	+29.94	+12.53	+21.04	+45.05	+0.000
D 0130	+23.76	+25.27	+25.78	+26.30	+26.32	+11.98	+24.63	+23.20	+29.94	+12.21	+21.26	+45.02	+0.000
D 0145	+23.76	+25.27	+25.78	+26.30	+26.19	+11.59	+24.62	+23.20	+29.94	+11.67	+21.56	+45.01	+0.000
D 0200	+23.76	+25.27	+25.78	+26.28	+26.05	+11.23	+24.62	+23.20	+29.94	+11.35	+21.60	+46.15	+0.000
D 0215	+23.76	+25.27	+25.79	+26.27	+25.92	+10.92	+24.62	+23.20	+29.94	+11.06	+21.73	+47.33	+0.000
D 0230	+23.76	+25.27	+25.79	+26.25	+25.79	+10.64	+24.61	+23.20	+29.94	+10.54	+21.75	+45.83	+0.000
D 0245	+23.76	+25.27	+25.79	+26.23	+25.66	+10.34	+24.62	+23.20	+29.94	+10.29	+21.65	+46.04	+0.000
D 0300	+23.76	+25.27	+25.79	+26.21	+25.53	+10.02	+24.62	+23.20	+29.94	+9.92	+21.82	+44.77	+0.000
D 0315	+23.76	+25.26	+25.79	+26.19	+25.40	+9.68	+24.62	+23.20	+29.94	+9.69	+21.95	+46.06	+0.000
D 0330	+23.76	+25.27	+25.80	+26.17	+25.27	+9.42	+24.62	+23.20	+29.94	+9.76	+21.91	+46.96	+0.000
D 0345	+23.76	+25.27	+25.81	+26.16	+25.14	+9.24	+24.62	+23.20	+29.94	+9.71	+21.98	+46.96	+0.000
D 0400	+23.76	+25.27	+25.81	+26.13	+25.02	+9.05	+24.62	+23.20	+29.94	+9.62	+22.02	+44.92	+0.000
D 0415	+23.76	+25.27	+25.81	+26.09	+24.89	+8.78	+24.62	+23.20	+29.94	+9.33	+22.53	+45.81	+0.000
D 0430	+23.76	+25.27	+25.81	+26.06	+24.77	+8.52	+24.62	+23.20	+29.94	+9.07	+22.92	+45.05	+0.000
D 0445	+23.76	+25.27	+25.81	+26.03	+24.64	+8.31	+24.62	+23.20	+29.94	+8.88	+23.08	+44.10	+0.000
D 0500	+23.76	+25.27	+25.81	+26.00	+24.51	+8.11	+24.62	+23.20	+29.93	+8.86	+23.08	+44.93	+0.000
D 0515	+23.76	+25.27	+25.82	+25.97	+24.39	+7.99	+24.62	+23.20	+29.92	+9.05	+22.95	+46.36	+0.000
D 0530	+23.77	+25.27	+25.82	+25.94	+24.27	+7.87	+24.62	+23.20	+29.89	+8.95	+23.02	+43.97	+0.000
D 0545	+23.76	+25.27	+25.82	+25.90	+24.15	+7.64	+24.62	+23.20	+29.85	+8.70	+23.31	+43.82	+0.000
D 0600	+23.77	+25.27	+25.82	+25.86	+24.03	+7.40	+24.62	+23.20	+29.81	+8.65	+23.38	+43.12	+0.000
D 0615	+23.76	+25.27	+25.83	+25.83	+23.91	+7.24	+24.62	+23.20	+29.81	+8.65	+23.38	+42.87	+0.000
D 0630	+23.77	+25.27	+25.83	+25.79	+23.79	+7.03	+24.62	+23.20	+29.75	+8.33	+23.49	+42.44	+0.000
D 0645	+23.77	+25.26	+25.83	+25.75	+23.67	+6.901	+24.61	+23.20	+29.72	+8.18	+23.81	+42.76	+0.000
D 0700	+23.77	+25.26	+25.83	+25.72	+23.56	+6.814	+24.62	+23.20	+29.68	+8.10	+24.01	+36.14	+0.000
D 0715	+23.77	+25.27	+25.83	+25.67	+23.44	+6.828	+24.61	+23.20	+29.65	+8.20	+24.03	+38.22	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 0730	+23.77	+25.26	+25.83	+25.63	+23.33	+6.76	+24.61	+23.20	+29.62	+8.95	+23.12	+11.67	+0.000
D 0745	+23.77	+25.26	+25.83	+25.59	+23.22	+6.57	+24.61	+23.20	+29.60	+9.58	+22.01	+09.28	+0.000
D 0800	+23.77	+25.26	+25.83	+25.55	+23.11	+6.05	+24.61	+23.20	+29.58	+9.97	+21.55	+39.58	+0.000
D 0815	+23.76	+25.26	+25.83	+25.50	+22.99	+5.59	+24.62	+23.21	+29.57	+10.48	+21.13	+071.4	+0.000
D 0830	+23.76	+25.26	+25.84	+25.46	+22.89	+5.15	+24.61	+23.21	+29.54	+11.02	+20.79	+105.4	+0.000
D 0845	+23.76	+25.26	+25.84	+25.42	+22.79	+4.70	+24.61	+23.20	+29.53	+11.60	+20.38	+139.8	+0.000
D 0900	+23.76	+25.26	+25.84	+25.37	+22.69	+4.24	+24.61	+23.20	+29.51	+12.07	+19.88	+166.6	+0.000
D 0915	+23.76	+25.26	+25.84	+25.33	+22.60	+3.77	+24.61	+23.20	+29.49	+12.49	+19.57	+195.1	+0.000
D 0930	+23.76	+25.25	+25.83	+25.28	+22.52	+3.29	+24.60	+23.19	+29.49	+12.93	+19.22	+217.9	+0.000
D 0945	+23.76	+25.25	+25.83	+25.23	+22.44	+2.87	+24.61	+23.20	+29.48	+13.40	+19.06	+238.2	+0.000
D 1000	+23.76	+25.25	+25.83	+25.19	+22.39	+2.45	+24.61	+23.19	+29.47	+14.17	+18.56	+266.7	+0.000
D 1015	+23.76	+25.25	+25.83	+25.14	+22.34	+2.02	+24.60	+23.20	+29.48	+14.77	+18.16	+288.6	+0.000
D 1030	+23.76	+25.23	+25.83	+25.10	+22.32	+1.59	+24.60	+23.19	+29.47	+15.26	+17.91	+309.3	+0.000
D 1045	+23.76	+25.23	+25.83	+25.05	+22.31	+1.14	+24.60	+23.20	+29.49	+16.12	+17.41	+327.5	+0.000
D 1100	+23.76	+25.25	+25.83	+25.00	+22.32	+0.71	+24.60	+23.19	+29.50	+16.56	+17.08	+357.8	+0.000
D 1115	+23.76	+25.25	+25.82	+24.96	+22.35	+0.28	+24.60	+23.19	+29.51	+16.83	+16.83	+373.3	+0.000
D 1130	+23.76	+25.25	+25.82	+24.92	+22.40	+0.18	+24.60	+23.19	+29.53	+17.16	+16.80	+383.3	+0.000
D 1145	+23.76	+25.25	+25.82	+24.87	+22.47	+0.11	+24.60	+23.19	+29.56	+17.49	+16.28	+397.5	+0.000
D 1200	+23.76	+25.24	+25.81	+24.83	+22.56	+0.03	+24.60	+23.19	+29.59	+17.70	+16.06	+405.1	+0.000
D 1215	+23.76	+25.25	+25.81	+24.80	+22.67	+0.04	+24.59	+23.19	+29.61	+18.20	+15.73	+420.6	+0.000
D 1230	+23.76	+25.25	+25.81	+24.76	+22.80	+0.17	+24.59	+23.19	+29.65	+18.61	+15.49	+431.1	+0.000
D 1245	+23.77	+25.25	+25.80	+24.73	+22.95	+0.32	+24.59	+23.18	+29.68	+18.85	+15.35	+445.6	+0.000
D 1300	+23.76	+25.24	+25.79	+24.70	+23.10	+0.46	+24.60	+23.19	+29.71	+19.53	+14.99	+414.4	+0.000
D 1315	+23.76	+25.24	+25.79	+24.67	+23.28	+0.61	+24.59	+23.19	+29.73	+19.75	+14.88	+415.6	+0.000
D 1330	+23.76	+25.24	+25.78	+24.64	+23.47	+0.76	+24.59	+23.19	+29.75	+20.00	+14.72	+400.5	+0.000
D 1345	+23.76	+25.24	+25.78	+24.62	+23.67	+0.91	+24.59	+23.19	+29.77	+20.28	+14.57	+396.9	+0.000
D 1400	+23.76	+25.24	+25.77	+24.61	+23.88	+1.06	+24.58	+23.19	+29.77	+20.79	+14.30</		

Time	1.75m			1.0m			.5m			.25m			.125m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m								
D 2130	+23.76	+25.22	+25.57	+25.52	+27.62	+15.58	+24.58	+23.19	+29.86	+14.54	+16.44	-47.38	+0.000										
D 2145	+23.76	+25.22	+25.56	+25.55	+27.51	+14.90	+24.58	+23.19	+29.87	+13.90	+16.71	-48.86	+0.000										
D 2200	+23.77	+25.22	+25.56	+25.59	+27.40	+14.24	+24.58	+23.19	+29.87	+13.28	+16.01	-46.04	+0.000										
D 2215	+23.77	+25.23	+25.55	+25.62	+27.28	+13.77	+24.58	+23.19	+29.87	+13.33	+16.97	-44.48	+0.000										
D 2230	+23.76	+25.22	+25.55	+25.65	+27.14	+13.38	+24.57	+23.19	+29.86	+13.91	+16.81	-44.52	+0.000										
D 2245	+23.76	+25.21	+25.54	+25.67	+27.00	+13.07	+24.58	+23.19	+29.86	+13.99	+16.83	-45.00	+0.000										
D 2300	+23.76	+25.22	+25.54	+25.69	+26.87	+12.67	+24.58	+23.19	+29.86	+13.73	+16.93	-43.84	+0.000										
D 2315	+23.76	+25.22	+25.54	+25.71	+26.72	+12.15	+24.58	+23.19	+29.86	+13.40	+17.12	-43.44	+0.000										
D 2330	+23.76	+25.22	+25.53	+25.72	+26.58	+11.83	+24.58	+23.19	+29.86	+13.63	+16.97	-42.10	+0.000										
D 2345	+23.76	+25.22	+25.54	+25.74	+26.43	+11.68	+24.58	+23.19	+29.86	+13.92	+16.78	-41.99	+0.000										
D 0000	+23.76	+25.22	+25.53	+25.74	+26.28	+11.59	+24.58	+23.19	+29.87	+14.14	+16.62	-43.28	+0.000										
# 87 260																							
D 0015	+23.76	+25.21	+25.53	+25.75	+26.13	+11.47	+24.58	+23.19	+29.87	+13.83	+16.75	-42.81	+0.000										
D 0030	+23.76	+25.22	+25.53	+25.75	+25.99	+11.04	+24.58	+23.19	+29.87	+13.11	+16.98	-42.20	+0.000										
D 0045	+23.76	+25.22	+25.53	+25.75	+25.84	+10.74	+24.57	+23.19	+29.87	+13.10	+16.93	-42.00	+0.000										
D 0100	+23.76	+25.22	+25.53	+25.75	+25.70	+10.46	+24.57	+23.19	+29.86	+13.27	+16.80	-41.73	+0.000										
D 0115	+23.76	+25.21	+25.53	+25.74	+25.55	+10.40	+24.57	+23.19	+29.87	+13.19	+16.80	-41.75	+0.000										
D 0130	+23.76	+25.21	+25.53	+25.73	+25.41	+9.97	+24.57	+23.19	+29.87	+12.22	+17.10	-41.67	+0.000										
D 0145	+23.76	+25.21	+25.53	+25.72	+25.26	+9.39	+24.57	+23.19	+29.86	+11.77	+17.36	-39.85	+0.000										
D 0200	+23.76	+25.21	+25.54	+25.70	+25.12	+8.97	+24.57	+23.19	+29.86	+11.81	+17.26	-40.23	+0.000										
D 0215	+23.76	+25.21	+25.55	+25.69	+24.98	+8.91	+24.57	+23.19	+29.86	+11.51	+17.37	-40.47	+0.000										
D 0230	+23.77	+25.21	+25.54	+25.67	+24.85	+8.83	+24.57	+23.19	+29.86	+11.36	+17.42	-40.30	+0.000										
D 0245	+23.77	+25.21	+25.54	+25.65	+24.71	+8.67	+24.57	+23.19	+29.86	+11.49	+17.38	-40.26	+0.000										
D 0300	+23.77	+25.22	+25.54	+25.63	+24.58	+8.63	+24.57	+23.19	+29.86	+11.38	+17.42	-40.80	+0.000										
D 0315	+23.77	+25.21	+25.54	+25.61	+24.45	+8.48	+24.57	+23.18	+29.83	+11.26	+17.45	-40.93	+0.000										
D 0330	+23.77	+25.21	+25.55	+25.58	+24.31	+8.06	+24.57	+23.19	+29.80	+10.76	+17.64	-40.79	+0.000										
D 0345	+23.77	+25.21	+25.54	+25.55	+24.18	+7.69	+24.57	+23.19	+29.77	+10.46	+17.74	-41.08	+0.000										
D 0400	+23.77	+25.21	+25.55	+25.53	+24.05	+7.39	+24.56	+23.19	+29.73	+10.43	+17.74	-41.37	+0.000										
D 0415	+23.77	+25.21	+25.55	+25.50	+23.92	+7.56	+24.57	+23.19	+29.70	+10.91	+17.53	-40.71	+0.000										
D 0430	+23.77	+25.21	+25.55	+25.47	+23.80	+7.44	+24.57	+23.20	+29.67	+10.68	+17.66	-40.73	+0.000										
D 0445	+23.77	+25.21	+25.55	+25.44	+23.68	+6.980	+24.57	+23.19	+29.64	+9.801	+18.05	-39.29	+0.000										
D 0500	+23.77	+25.21	+25.55	+25.44	+23.68	+6.640	+24.57	+23.19	+29.60	+10.08	+17.95	-38.23	+0.000										
D 0515	+23.77	+25.20	+25.55	+25.37	+23.43	+6.726	+24.56	+23.19	+29.63	+17.19	+18.05	-37.45	+0.000										
D 0530	+23.77	+25.21	+25.56	+25.33	+23.31	+6.851	+24.56	+23.19	+29.55	+10.69	+17.72	-39.61	+0.000										
D 0545	+23.77	+25.21	+25.56	+25.29	+23.19	+6.693	+24.56	+23.19	+29.52	+10.44	+17.75	-39.16	+0.000										
D 0600	+23.77	+25.20	+25.55	+25.25	+23.07	+6.367	+24.57	+23.19	+29.50	+9.885	+17.97	-39.46	+0.000										
D 0615	+23.77	+25.20	+25.55	+25.25	+22.95	+6.946	+24.56	+23.19	+29.45	+9.946	+18.18	-39.03	+0.000										
D 0630	+23.77	+25.20	+25.56	+25.18	+22.84	+6.590	+24.56	+23.19	+29.45	+9.916	+18.19	-39.03	+0.000										
D 0645	+23.77	+25.20	+25.55	+25.13	+22.72	+5.346	+24.57	+23.20	+29.43	+9.927	+18.16	-36.22	+0.000										
D 0700	+23.78	+25.21	+25.56	+25.10	+22.62	+5.284	+24.57	+23.19	+29.41	+9.914	+18.22	-33.40	+0.000										
D 0715	+23.77	+25.20	+25.55	+25.05	+22.50	+5.603	+24.56	+23.19	+29.37	+9.932	+18.17	-26.33	+0.000										
D 0730	+23.77	+25.20	+25.55	+25.05	+22.40	+6.542	+24.56	+23.19	+29.37	+9.974	+18.07	-23.44	+0.000										
D 0745	+23.77	+25.20	+25.56	+24.97	+22.29	+8.006	+24.55	+23.19	+29.31	+10.33	+17.52	-21.52	+0.000										
D 0800	+23.77	+25.20	+25.56	+24.93	+22.18	+9.799	+24.55	+23.19	+29.30	+11.49	+17.50	-35.13	+0.000										
D 0815	+23.77	+25.20	+25.56	+24.88	+22.08	+11.53	+24.54	+23.19	+29.27	+11.99	+17.30	-65.06	+0.000										
D 0830	+23.77	+25.19	+25.55	+24.84	+21.97	+13.28	+24.54	+23.19	+29.25	+12.77	+16.97	-99.7	+0.000										
D 0845	+23.77	+25.19	+25.55	+24.79	+21.87	+15.13	+24.53	+23.19	+29.23	+13.63	+16.49	-131.0	+0.000										
D 0900	+23.77	+25.19	+25.55	+24.74	+21.78	+17.61	+24.53	+23.19	+29.23	+13.85	+16.11	-160.0	+0.000										
D 0915	+23.77	+25.19	+25.55	+24.70	+21.70	+19.71	+24.52	+23.19	+29.23	+14.02	+16.35	-187.7	+0.000										
D 0930	+23.77	+25.19	+25.55	+24.65	+21.62	+21.86	+24.52	+23.19	+29.21	+14.68	+16.11	-210.6	+0.000										
D 0945	+23.77	+25.18	+25.54	+24.60	+21.56	+23.98	+24.52	+23.19	+29.21	+15.30	+15.87	-230.9	+0.000										
D 1000	+23.76	+25.18	+25.54	+24.55	+21.51	+26.13	+24.52	+23.19	+29.21	+16.08	+15.54	-258.6	+0.000										
D 1015	+23.76	+25.18	+25.54	+24.52	+21.49	+28.02	+24.51	+23.19	+29.21	+16.87	+15.37	-286.5	+0.000										
D 1030	+23.77	+25.19	+25.54	+24.47	+21.48	+29.80	+24.51	+23.18	+29.20	+17.17	+15.14	-311.6	+0.000										
D 1045	+23.77	+25.18	+25.53	+24.42	+21.49	+31.55	+24.52	+23.19	+29.22	+17.80	+14.87	-330.6	+0.000										
D 1100	+23.76	+25.18	+25.53	+24.37	+21.51	+33.38	+24.51	+23.18	+29.23	+18.36	+14.66	-349.4	+0.000										

Time	1.75m			1.0m			.5m			.25m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m								
D 1115	+23.76	+25.18	+25.52	+24.33	+21.56	+35.25	+24.51	+23.18	+29.25	+18.84	+14.49	-370.8	+0.000							
D 1130	+23.77	+25.18	+25.52	+24.29	+21.63	+36.71	+24.51	+23.18	+29.28	+19.19	+14.35	-389.8	+0.000							
D 1145	+23.77	+25.18	+25.52	+24.25	+21.72	+38.26	+24.51	+23.18	+29.30	+19.77	+14.10	-393.8	+0.000							
D 1200	+23.76	+25.18	+25.51	+24.21	+21.83	+39.70	+24.52	+23.18	+29.33	+20.15	+13.96	-400.6	+0.000							
D 1215	+23.76	+25.17	+25.51	+24.18	+21.95	+40.96	+24.52	+23.18	+29.36	+20.59	+13.81	-402.5	+0.000							
D 1230	+23.77	+25.17	+25.50	+24.15	+22.07	+42.21	+24.52	+23.18	+29.39	+21.02	+13.66	-406.9	+0.000							
D 1245	+23.76	+25.17	+25.49	+24.10	+22.26	+42.71	+24.52	+23.18	+29.40	+21.00	+13.69	-413.1	+0.000							
D 1300	+23.77	+25.17	+25.49	+24.08	+22.44	+43.84	+24.52	+23.17	+29.43	+21.34	+13.58	-407.9	+0.000							
D 1315	+23.76	+25.17	+25.48	+24.05	+22.64	+45.03	+24.52	+23.18	+29.46	+21.95	+13.34	-414.3	+0.000							
D 1330	+23.76	+25.17	+25.48	+24.03	+22.84	+46.15	+24.52	+23.18	+29.49	+22.56	+13.08	-398.0	+0.000							
D 1345	+23.76	+25.17	+25.48	+24.01	+23.02	+46.74	+24.52	+23.18	+29.52	+23.19	+12.78	-391.4	+0.000							
D 1400	+23.76	+25.16	+25.46	+24.00	+23.28	+47.11	+24.52	+23.18	+29.54	+22.97	+12.92	-392.0	+0.000							
D 1415	+23.76	+25.16	+25.46	+23.98	+23.52	+47.21	+24.52	+23.18	+29.57	+23.05	+12.89	-365.8	+0.000							
D 1430	+23.76	+25.15	+25.44	+23.98	+23.76	+47.72	+24.52	+23.18	+29.59	+23.40	+12.74	-356.6	+0.000							
D 1445	+23.76	+25.16	+25.44	+23.98	+24.02	+47.19	+24.52	+23.18	+29.61	+23.62	+12.65	-346.6	+0.000							
D 1500	+23.76	+25.16	+25.43	+23.99	+24.27	+47.09	+24.52	+23.18	+29.63	+24.05	+12.50	-332.5	+0.000							
D 1515	+23.76	+25.15	+25.43	+23.99	+24.52	+46.81	+24.52	+23.18	+29.65	+24.35	+12.38	-318.0	+0.000							
D 1530	+23.76	+25.16	+25.42	+24.00	+24.78	+46.54	+24.51	+23.18	+29.66	+24.69	+12.26	-302.1	+0.000							
D 1545	+23.76	+25.15	+25.41	+24.02	+25.04	+45.54	+24.51	+23.18	+29.67	+24.60	+12.29	-284.4	+0.000							
D 1600	+23.76	+25.15	+25.40	+24.04	+25.30	+44.78	+24.52	+23.18	+29.69	+24.67	+12.27	-258.7	+0.000							
D 1615	+23.76	+25.15	+25.40	+24.07	+25.55	+44.10	+24.51	+23.18	+29.69	+24.98	+12.15	-231.1	+0.000							
D 1630	+23.76	+25.15	+25.38	+24.09	+25.79	+43.06	+24.51	+23.17	+29.70	+24.96	+12.16	-207.9	+0.000							
D 1645	+23.75	+25.15	+25.37	+24.12	+26.03	+42.30	+24.52	+23.18	+29.71	+25.15	+12.09	-180.5	+0.000							
D 1700	+23.76	+25.14	+25.36	+24.15	+26.25	+40.96	+24.52	+23.18	+29.71	+25.11	+12.11	-160.0	+0.000							
D 1715	+23.76	+25.15	+25.36	+24.20	+26.47	+39.78	+24.52	+23.18	+29.72	+25.19	+12.08	-148.3								

Time	1.0m					1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	1.75m Soil	1.0m Soil	.5m Soil	.25m Soil	.125m Soil	Surf. Soil	PVC 1.0m	PVC 1.75m					PVC 1.0m
D 0100	23.77	25.13	25.20	25.40	25.71	11.39	24.50	23.19	29.75	14.07	16.22	-39.19	+0.000
D 0115	23.77	25.13	25.21	25.40	25.57	11.24	24.50	23.19	29.75	14.01	16.29	-39.60	+0.000
D 0130	23.77	25.12	25.21	25.40	25.43	11.03	24.50	23.18	29.74	14.07	16.28	-39.73	+0.000
D 0145	23.77	25.12	25.21	25.40	25.30	11.03	24.50	23.18	29.74	14.27	16.20	-38.93	+0.000
D 0200	23.77	25.13	25.22	25.39	25.17	11.05	24.50	23.18	29.74	14.17	16.23	-39.63	+0.000
D 0215	23.77	25.12	25.21	25.37	25.02	10.88	24.50	23.19	29.75	14.11	16.28	-39.70	+0.000
D 0230	23.77	25.13	25.22	25.37	24.90	10.62	24.50	23.19	29.75	14.11	16.28	-39.70	+0.000
D 0245	23.77	25.13	25.21	25.35	24.76	10.32	24.50	23.19	29.75	14.16	16.40	-38.29	+0.000
D 0300	23.77	25.12	25.21	25.35	24.63	10.09	24.50	23.18	29.74	14.27	16.79	-37.77	+0.000
D 0315	23.77	25.12	25.21	25.31	24.50	09.58	24.50	23.19	29.74	14.20	17.00	-37.01	+0.000
D 0330	23.77	25.12	25.22	25.29	24.37	09.32	24.50	23.18	29.71	14.14	17.02	-37.07	+0.000
D 0345	23.77	25.12	25.22	25.27	24.25	09.05	24.49	23.18	29.68	14.11	17.14	-36.03	+0.000
D 0400	23.77	25.12	25.23	25.25	24.13	08.86	24.49	23.18	29.64	14.11	17.19	-37.45	+0.000
D 0415	23.77	25.12	25.23	25.25	24.01	08.55	24.49	23.18	29.61	14.04	17.47	-36.76	+0.000
D 0430	23.77	25.11	25.23	25.20	23.89	08.39	24.49	23.18	29.58	14.13	17.44	-35.38	+0.000
D 0445	23.77	25.11	25.23	25.17	23.77	08.22	24.49	23.19	29.55	14.18	17.32	-35.35	+0.000
D 0500	23.77	25.11	25.23	25.14	23.65	08.07	24.49	23.19	29.52	14.27	17.36	-35.47	+0.000
D 0515	23.78	25.12	25.24	25.12	23.54	07.92	24.49	23.19	29.49	14.37	17.56	-35.51	+0.000
D 0530	23.77	25.11	25.24	25.08	23.42	07.71	24.49	23.19	29.47	14.74	17.71	-34.42	+0.000
D 0545	23.77	25.11	25.24	25.05	23.30	07.46	24.49	23.18	29.44	14.08	17.98	-35.85	+0.000
D 0600	23.77	25.11	25.24	25.01	23.19	07.15	24.49	23.18	29.41	13.90	18.17	-34.73	+0.000
D 0615	23.77	25.11	25.24	24.98	23.08	07.06	24.48	23.18	29.38	14.04	18.24	-34.89	+0.000
D 0630	23.77	25.11	25.24	24.95	22.97	07.20	24.49	23.18	29.36	14.65	17.69	-36.26	+0.000
D 0645	23.77	25.11	25.24	24.91	22.86	07.00	24.48	23.18	29.33	14.14	17.93	-34.78	+0.000
D 0700	23.77	25.10	25.25	24.87	22.75	6.986	24.48	23.18	29.30	14.51	17.79	-31.40	+0.000
D 0715	23.78	25.11	25.25	24.84	22.64	6.705	24.48	23.18	29.27	14.34	17.86	-35.21	+0.000
D 0730	23.78	25.11	25.25	24.81	22.53	6.758	24.48	23.18	29.28	14.34	17.86	-35.21	+0.000
D 0745	23.77	25.10	25.25	24.76	22.42	6.822	24.47	23.17	29.24	14.11	17.18	-37.50	+0.000
D 0800	23.77	25.10	25.25	24.72	22.32	6.599	24.46	23.18	29.22	13.39	16.67	-31.55	+0.000
D 0815	23.77	25.10	25.25	24.68	22.22	6.244	24.45	23.18	29.19	13.55	16.67	-31.55	+0.000
D 0830	23.77	25.09	25.25	24.64	22.12	6.139	24.44	23.18	29.17	14.00	16.66	-31.55	+0.000
D 0845	23.78	25.10	25.25	24.60	22.03	6.162	24.44	23.18	29.16	14.83	16.38	-34.89	+0.000
D 0900	23.78	25.10	25.26	24.56	21.94	6.165	24.44	23.18	29.15	15.61	16.14	-34.99	+0.000
D 0915	23.77	25.09	25.26	24.52	21.84	6.116	24.43	23.18	29.15	16.46	15.84	-37.63	+0.000
D 0930	23.77	25.09	25.26	24.48	21.79	6.168	24.43	23.18	29.15	17.18	15.53	-39.00	+0.000
D 0945	23.77	25.08	25.25	24.43	21.72	6.311	24.42	23.18	29.14	18.36	15.07	-42.61	+0.000
D 1000	23.77	25.09	25.25	24.39	21.69	6.208	24.42	23.18	29.13	19.02	14.79	-44.89	+0.000
D 1015	23.77	25.09	25.26	24.35	21.66	6.303	24.42	23.18	29.12	19.83	14.68	-47.32	+0.000
D 1030	23.77	25.08	25.26	24.31	21.65	6.333	24.42	23.17	29.14	20.05	14.42	-49.00	+0.000
D 1045	23.77	25.08	25.25	24.26	21.66	6.352	24.43	23.18	29.15	20.47	14.23	-50.70	+0.000
D 1100	23.77	25.08	25.25	24.22	21.70	6.376	24.43	23.17	29.17	21.24	13.88	-53.64	+0.000
D 1115	23.76	25.08	25.24	24.18	21.75	6.394	24.43	23.18	29.20	22.07	13.69	-56.00	+0.000
D 1130	23.77	25.08	25.24	24.14	21.83	6.415	24.43	23.17	29.22	22.92	13.50	-58.00	+0.000
D 1145	23.77	25.08	25.24	24.11	21.93	6.438	24.43	23.17	29.24	23.97	13.72	-60.00	+0.000
D 1200	23.77	25.08	25.23	24.07	22.06	6.486	24.43	23.17	29.28	24.47	12.49	-62.93	+0.000
D 1215	23.77	25.08	25.24	24.04	22.21	6.600	24.44	23.17	29.30	25.22	12.18	-67.00	+0.000
D 1230	23.77	25.07	25.23	24.01	22.37	6.700	24.44	23.17	29.32	25.70	12.33	-70.00	+0.000
D 1245	23.76	25.07	25.22	23.98	22.56	6.799	24.43	23.17	29.37	26.36	11.64	-73.94	+0.000
D 1300	23.76	25.07	25.21	23.96	22.76	6.882	24.43	23.17	29.47	27.49	11.23	-77.89	+0.000
D 1315	23.76	25.06	25.21	23.93	22.98	6.959	24.44	23.17	29.57	28.61	10.97	-81.84	+0.000
D 1330	23.77	25.07	25.21	23.92	23.22	7.074	24.44	23.17	29.62	29.77	11.40	-85.79	+0.000
D 1345	23.77	25.06	25.20	23.90	23.46	7.179	24.44	23.17	29.65	30.92	11.23	-89.74	+0.000
D 1400	23.76	25.06	25.20	23.89	23.73	7.280	24.44	23.17	29.67	32.07	11.09	-93.69	+0.000
D 1415	23.77	25.06	25.19	23.89	24.00	7.377	24.43	23.17	29.68	33.22	10.97	-97.64	+0.000
D 1430	23.76	25.05	25.19	23.89	24.27	7.468	24.43	23.17	29.51	34.37	10.84	-101.59	+0.000
D 1445	23.77	25.06	25.18	23.90	24.56	7.551	24.43	23.17	29.52	35.52	10.83	-105.54	+0.000

Time	1.0m					1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	1.75m Soil	1.0m Soil	.5m Soil	.25m Soil	.125m Soil	Surf. Soil	PVC 1.0m	PVC 1.75m					PVC 1.0m
D 1500	23.76	25.05	25.17	23.90	24.83	51.64	24.43	23.16	29.54	28.87	10.72	-312.7	+0.000
D 1515	23.76	25.05	25.17	23.92	25.12	47.26	24.43	23.17	29.55	28.98	10.67	-304.6	+0.000
D 1400	23.76	25.16	25.46	23.00	23.28	23.28	24.52	23.18	29.54	22.97	12.92	-392.0	+0.000
D 1415	23.76	25.16	25.46	23.08	23.52	47.21	24.52	23.18	29.57	23.05	12.89	-365.8	+0.000
D 1430	23.76	25.15	25.44	23.08	23.76	47.72	24.52	23.18	29.59	23.40	12.74	-356.6	+0.000
D 1445	23.76	25.16	25.44	23.08	24.02	47.19	24.52	23.18	29.63	23.62	12.65	-346.8	+0.000
D 1500	23.76	25.16	25.43	23.99	24.27	47.09	24.52	23.18	29.63	23.85	12.50	-332.5	+0.000
D 1515	23.76	25.15	25.43	23.99	24.52	46.81	24.52	23.18	29.65	24.35	12.38	-318.0	+0.000
D 1530	23.76	25.15	25.43	23.99	24.78	46.54	24.51	23.18	29.66	24.69	12.26	-302.1	+0.000
D 1545	23.76	25.15	25.43	24.02	25.04	45.54	24.51	23.18	29.67	25.00	12.29	-284.4	+0.000
D 1600	23.76	25.15	25.40	24.04	25.30	44.78	24.52	23.18	29.69	24.67	12.27	-268.3	+0.000
D 1615	23.76	25.15	25.40	24.07	25.55	44.10	24.52	23.18	29.72	24.97	12.15	-252.3	+0.000
D 1630	23.76	25.15	25.38	24.09	25.79	43.66	24.51	23.17	29.70	24.96	12.16	-236.9	+0.000
D 1645	23.76	25.14	25.36	24.12	26.03	42.30	24.52	23.18	29.71	25.15	12.09	-220.5	+0.000
D 1700	23.76	25.14	25.35	24.15	26.25	40.96	24.52	23.18	29.71	25.11	12.11	-165.0	+0.000
D 1715	23.76	25.15	25.36	24.20	26.47	39.78	24.52	23.18	29.72	25.19	12.08	-148.0	+0.000
D 1730	23.76	25.15	25.35	24.24	26.68	38.27	24.51	23.18	29.73	25.05	12.04	-148.0	+0.000
D 1745	23.76	25.15	25.34	24.29	26.87	37.03	24.51	23.17	29.71	25.30	12.04	-68.05	+0.000
D 1800	23.76	25.15	25.34	24.39	27.04	35.25	24.52	23.18	29.73	24.88	12.19	21.00	+0.000
D 1815	23.76	25.14	25.33	24.39	27.20	33.79	24.52	23.18	29.74	24.98	12.15	22.36	+0.000
D 1830	23.76	25.14	25.32	24.44	27.34	31.88	24.51	23.17	29.73	24.53	12.32	5.008	+0.000
D 1845	23.76	25.15	25.31	24.49	27.47	29.82	24.51	23.18	29.74	23.20	12.80	-39.44	+0.000
D 1900	23.76	25.15	25.30	24.55	27.57	27.80	24.51	23.18	29.74	22.20	13.30	-51.42	+0.000
D 1915	23.76	25.14	25.29	24.60	27.65	25.94	24.51	23.18	29.74	20.88	13.63	-53.73	+0.000
D 1930	23.76	25.15	25.28	24.66	27.72	24.30	24.51	23.18	29.74	20.14	13.92	-53.18	+0.000
D 1945	23.76	25.14	25.27	24.71	27.76	22.99	24.52	23.18	29.75	19.77			



Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 0315	+23.77	+25.12	+25.23	+25.31	+24.50	+09.58	+24.50	+23.19	+29.74	+12.20	+17.00	-37.01	+0.000
D 0330	+23.77	+25.12	+25.22	+25.29	+24.37	+09.32	+24.50	+23.18	+29.71	+12.14	+17.02	-37.07	+0.000
D 0345	+23.77	+25.14	+25.22	+25.27	+24.25	+09.05	+24.49	+23.18	+29.68	+12.13	+17.16	-37.14	+0.000
D 0400	+23.77	+25.12	+25.23	+25.25	+24.13	+08.86	+24.49	+23.18	+29.64	+11.69	+17.19	-37.25	+0.000
D 0415	+23.77	+25.12	+25.23	+25.22	+24.01	+08.55	+24.49	+23.18	+29.61	+11.04	+17.47	-36.76	+0.000
D 0430	+23.77	+25.11	+25.23	+25.20	+23.89	+08.39	+24.49	+23.18	+29.58	+11.13	+17.44	-35.38	+0.000
D 0445	+23.77	+25.11	+25.23	+25.17	+23.77	+08.22	+24.49	+23.19	+29.55	+11.48	+17.32	-35.35	+0.000
D 0500	+23.77	+25.11	+25.23	+25.14	+23.65	+08.07	+24.49	+23.19	+29.52	+11.37	+17.36	-35.47	+0.000
D 0515	+23.77	+25.12	+25.24	+25.12	+23.54	+07.92	+24.49	+23.19	+29.49	+10.87	+17.56	-35.41	+0.000
D 0530	+23.77	+25.11	+25.24	+25.08	+23.42	+07.71	+24.49	+23.19	+29.47	+10.74	+17.71	-34.42	+0.000
D 0545	+23.77	+25.11	+25.24	+25.05	+23.30	+07.46	+24.49	+23.18	+29.44	+10.08	+17.98	-35.85	+0.000
D 0600	+23.77	+25.11	+25.24	+25.01	+23.19	+07.15	+24.49	+23.18	+29.41	+09.60	+18.17	-34.73	+0.000
D 0615	+23.77	+25.11	+25.24	+24.98	+23.08	+07.06	+24.48	+23.18	+29.38	+10.34	+17.86	-34.89	+0.000
D 0630	+23.77	+25.11	+25.24	+24.95	+22.97	+07.00	+24.49	+23.18	+29.36	+10.65	+17.69	-36.26	+0.000
D 0645	+23.77	+25.11	+25.25	+24.91	+22.86	+07.00	+24.48	+23.18	+29.32	+10.14	+17.93	-34.78	+0.000
D 0700	+23.77	+25.10	+25.25	+24.87	+22.75	+6.986	+24.48	+23.18	+29.30	+10.51	+17.79	-31.40	+0.000
D 0715	+23.78	+25.11	+25.25	+24.84	+22.64	+07.05	+24.48	+23.18	+29.27	+10.34	+17.86	-25.31	+0.000
D 0730	+23.78	+25.11	+25.25	+24.81	+22.53	+07.58	+24.48	+23.19	+29.27	+10.96	+17.68	-12.41	+0.000
D 0745	+23.77	+25.10	+25.25	+24.76	+22.42	+09.03	+24.47	+23.18	+29.24	+12.21	+17.18	-31.950	+0.000
D 0800	+23.77	+25.10	+25.25	+24.72	+22.32	+10.59	+24.46	+23.18	+29.22	+13.39	+16.67	-31.55	+0.000
D 0815	+23.77	+25.10	+25.25	+24.68	+22.22	+12.24	+24.45	+23.18	+29.19	+13.55	+16.70	-65.09	+0.000
D 0830	+23.77	+25.09	+25.25	+24.64	+22.12	+13.98	+24.44	+23.18	+29.17	+14.00	+16.66	+096.3	+0.000
D 0845	+23.78	+25.10	+25.25	+24.60	+22.03	+16.12	+24.44	+23.18	+29.16	+14.82	+16.38	+124.3	+0.000
D 0900	+23.78	+25.10	+25.25	+24.56	+21.94	+18.65	+24.44	+23.18	+29.15	+15.61	+16.14	+149.9	+0.000
D 0915	+23.77	+25.09	+25.26	+24.52	+21.86	+21.16	+24.43	+23.18	+29.15	+16.46	+15.84	+176.3	+0.000
D 0930	+23.77	+25.09	+25.25	+24.48	+21.79	+23.68	+24.43	+23.18	+29.15	+17.18	+15.53	+196.0	+0.000
D 0945	+23.77	+25.08	+25.25	+24.43	+21.72	+26.31	+24.42	+23.18	+29.14	+18.36	+15.07	+221.6	+0.000
D 1000	+23.77	+25.08	+25.25	+24.39	+21.69	+28.80	+24.42	+23.18	+29.14	+19.02	+14.79	+248.0	+0.000
D 1015	+23.77	+25.09	+25.26	+24.35	+21.66	+30.93	+24.43	+23.18	+29.14	+19.33	+14.68	+273.2	+0.000
D 1030	+23.77	+25.08	+25.25	+24.31	+21.65	+33.13	+24.42	+23.17	+29.14	+20.05	+14.42	+295.0	+0.000
D 1045	+23.77	+25.08	+25.25	+24.26	+21.66	+35.20	+24.43	+23.18	+29.15	+20.47	+14.23	+320.7	+0.000
D 1100	+23.77	+25.08	+25.25	+24.22	+21.70	+37.26	+24.43	+23.17	+29.17	+21.24	+13.88	+334.6	+0.000
D 1115	+23.78	+25.08	+25.24	+24.18	+21.63	+39.44	+24.43	+23.18	+29.20	+22.05	+13.52	+354.3	+0.000
D 1130	+23.77	+25.08	+25.25	+24.14	+21.61	+41.52	+24.43	+23.17	+29.21	+22.87	+13.16	+374.3	+0.000
D 1145	+23.77	+25.08	+25.24	+24.11	+21.93	+43.38	+24.43	+23.17	+29.24	+23.97	+12.72	+374.3	+0.000
D 1200	+23.77	+25.07	+25.23	+24.07	+22.06	+44.86	+24.43	+23.17	+29.28	+24.47	+12.49	+379.3	+0.000
D 1215	+23.77	+25.08	+25.24	+24.04	+22.21	+46.00	+24.44	+23.17	+29.30	+25.22	+12.18	+379.6	+0.000
D 1230	+23.77	+25.07	+25.23	+24.01	+22.37	+47.00	+24.44	+23.17	+29.32	+25.70	+11.93	+381.7	+0.000
D 1245	+23.76	+25.07	+25.23	+23.98	+22.56	+47.99	+24.44	+23.17	+29.35	+26.11	+11.75	+385.2	+0.000
D 1300	+23.76	+25.07	+25.22	+23.96	+22.76	+48.82	+24.43	+23.17	+29.37	+26.36	+11.64	+389.4	+0.000
D 1315	+23.76	+25.06	+25.22	+23.93	+22.98	+50.19	+24.44	+23.17	+29.40	+26.78	+11.50	+396.1	+0.000
D 1330	+23.77	+25.07	+25.21	+23.92	+23.22	+50.74	+24.44	+23.17	+29.42	+27.07	+11.40	+387.1	+0.000
D 1345	+23.77	+25.06	+25.20	+23.90	+23.46	+51.79	+24.44	+23.17	+29.45	+27.52	+11.23	+379.8	+0.000
D 1400	+23.76	+25.06	+25.20	+23.89	+23.73	+51.80	+24.44	+23.17	+29.49	+28.00	+11.07	+364.0	+0.000
D 1415	+23.77	+25.06	+25.19	+23.89	+24.00	+52.17	+24.43	+23.17	+29.48	+28.47	+10.97	+354.7	+0.000
D 1430	+23.77	+25.05	+25.19	+23.89	+24.27	+52.08	+24.43	+23.17	+29.51	+28.93	+10.84	+330.7	+0.000
D 1445	+23.77	+25.06	+25.18	+23.90	+24.56	+51.87	+24.43	+23.17	+29.52	+28.61	+10.83	+327.6	+0.000
D 1455	+23.76	+25.05	+25.17	+23.90	+24.83	+51.64	+24.43	+23.16	+29.54	+28.87	+10.72	+317.7	+0.000
D 1515	+23.76	+25.05	+25.17	+23.92	+25.12	+51.26	+24.43	+23.16	+29.56	+29.66	+10.57	+299.6	+0.000
D 1530	+23.76	+25.05	+25.16	+23.94	+25.40	+50.45	+24.43	+23.16	+29.55	+29.17	+10.64	+293.7	+0.000
D 1545	+23.76	+25.05	+25.15	+23.96	+25.69	+49.43	+24.43	+23.16	+29.57	+29.55	+10.50	+265.5	+0.000
D 1600	+23.77	+25.05	+25.15	+24.00	+25.97	+48.70	+24.43	+23.17	+29.58	+29.56	+10.49	+239.6	+0.000
D 1615	+23.76	+25.05	+25.14	+24.03	+26.25	+48.52	+24.43	+23.16	+29.58	+29.76	+10.42	+217.7	+0.000
D 1630	+23.76	+25.05	+25.13	+24.06	+26.53	+48.26	+24.43	+23.16	+29.59	+29.66	+10.39	+189.7	+0.000
D 1645	+23.76	+25.05	+25.13	+24.11	+26.77	+46.76	+24.42	+23.16	+29.59	+30.48	+10.12	+156.2	+0.000
D 1700	+23.76	+25.04	+25.12	+24.15	+27.02	+45.33	+24.42	+23.16	+29.59	+30.09	+10.28	+142.6	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 1715	+23.76	+25.04	+25.11	+24.20	+27.25	+43.74	+24.43	+23.17	+29.60	+29.73	+10.41	+131.7	+0.000
D 1730	+23.77	+25.05	+25.12	+24.26	+27.48	+42.23	+24.43	+23.17	+29.61	+29.46	+10.49	+108.9	+0.000
D 1745	+23.77	+25.04	+25.10	+24.37	+27.86	+38.82	+24.43	+23.16	+29.60	+29.68	+10.48	+83.8	+0.000
D 1800	+23.77	+25.04	+25.10	+24.37	+27.86	+38.82	+24.43	+23.16	+29.60	+29.60	+10.57	+66.50	+0.000
D 1815	+23.76	+25.04	+25.09	+24.42	+28.03	+36.74	+24.43	+23.17	+29.61	+28.21	+10.94	+26.00	+0.000
D 1830	+23.76	+25.04	+25.08	+24.48	+28.18	+34.69	+24.42	+23.16	+29.60	+27.28	+11.27	+2.018	+0.000
D 1845	+23.76	+25.04	+25.07	+24.55	+28.31	+32.63	+24.42	+23.16	+29.61	+26.20	+11.65	+30.50	+0.000
D 1900	+23.77	+25.04	+25.07	+24.63	+28.43	+30.42	+24.42	+23.16	+29.62	+24.65	+12.23	+53.90	+0.000
D 1915	+23.76	+25.04	+25.06	+24.68	+28.51	+28.54	+24.43	+23.17	+29.63	+24.83	+12.82	+77.39	+0.000
D 1930	+23.77	+25.04	+25.06	+24.75	+28.58	+26.91	+24.42	+23.17	+29.62	+23.14	+12.82	+57.39	+0.000
D 1945	+23.76	+25.03	+25.05	+24.81	+28.62	+25.46	+24.42	+23.17	+29.61	+22.21	+13.15	+55.62	+0.000
D 2000	+23.76	+25.03	+25.04	+24.88	+28.64	+24.25	+24.41	+23.17	+29.61	+22.19	+13.16	+54.69	+0.000
D 2015	+23.76	+25.04	+25.04	+24.94	+28.65	+23.28	+24.42	+23.17	+29.62	+21.67	+13.33	+54.07	+0.000
D 2030	+23.76	+25.04	+25.04	+24.99	+28.65	+21.92	+24.44	+23.17	+29.67	+21.72	+13.34	+53.92	+0.000
D 2045	+23.77	+25.03	+25.03	+25.07	+28.59	+21.75	+24.42	+23.17	+29.62	+21.53	+13.41	+53.23	+0.000
D 2100	+23.76	+25.03	+25.12	+25.12	+28.52	+20.97	+24.42	+23.17	+29.62	+20.80	+13.67	+51.85	+0.000
D 2115	+23.77	+25.03	+25.03	+25.18	+28.46	+20.23	+24.42	+23.17	+29.61	+20.04	+13.94	+50.48	+0.000
D 2130	+23.77	+25.03	+25.03	+25.24	+28.37	+19.58	+24.41	+23.16	+29.61	+19.65	+14.12	+49.54	+0.000
D 2145	+23.77	+25.03	+25.02	+25.29	+28.27	+18.97	+24.41	+23.16	+29.60	+19.32	+14.27	+48.60	+0.000
D 2200	+23.77	+25.03	+25.02	+25.34	+28.17	+18.50	+24.42	+23.17	+29.61	+19.36	+14.24	+49.53	+0.000
D 2215	+23.77	+25.03	+25.02	+25.39	+28.05	+18.20	+24.41	+23.17	+29.62	+19.72	+14.10	+50.02	+0.000
D 2230	+23.77	+25.03	+25.02	+25.42	+27.93	+17.80	+24.41	+23.17	+29.61	+19.21	+14.29	+47.85	+0.000
D 2245	+23.77	+25.03	+25.02	+25.47	+27.81	+17.42	+24.41	+23.17	+29.62	+18.91	+14.43	+47.84	+0.000
D 2300	+23.77	+25.03	+25.02	+25.50	+27.68	+16.99	+24.41	+23.17	+29.62	+18.53	+14.66	+47.96	+0.000
D 2315	+23.77	+25.03	+25.02	+25.53	+27.55	+16.77	+24.41	+23.17	+29.61	+18.45	+14.69	+49.96	+0.000
D 2330	+23.77	+25.02	+25.02	+25.56	+27.41	+16.60	+24.40	+23.16	+29.61	+18.39	+14.70	+49	

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip		
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC				Air	
D 0700	23.78	25.00	25.14	25.23	23.57	07.51	24.39	23.17	29.43	10.63	17.69	-35.38	+0.000
D 0715	23.77	24.99	25.14	25.20	23.46	07.31	24.39	23.17	29.40	10.33	17.86	-27.53	+0.000
D 0730	23.77	24.99	25.15	25.16	23.34	07.88	24.39	23.18	29.38	11.46	17.35	-15.16	+0.000
D 0745	23.77	24.99	25.15	25.16	23.22	09.22	24.39	23.17	29.35	11.26	16.64	-1.524	+0.000
D 0800	23.77	24.99	25.15	25.08	23.11	11.11	24.38	23.17	29.33	14.93	16.37	1.763	+0.000
D 0815	23.77	24.98	25.15	25.05	23.00	12.93	24.38	23.17	29.31	15.46	15.86	64.67	+0.000
D 0830	23.77	24.98	25.16	25.01	22.89	14.65	24.38	23.17	29.28	15.99	15.67	992.4	+0.000
D 0845	23.77	24.98	25.16	24.97	22.79	16.81	24.38	23.17	29.27	16.52	15.45	125.6	+0.000
D 0900	23.77	24.97	25.16	24.92	22.68	19.42	24.38	23.16	29.25	17.30	15.18	147.7	+0.000
D 0915	23.77	24.98	25.16	24.89	22.58	21.94	24.38	23.17	29.23	17.61	15.01	176.3	+0.000
D 0930	23.78	24.98	25.17	24.85	22.51	24.41	24.38	23.17	29.25	18.28	14.75	198.3	+0.000
D 0945	23.77	24.98	25.17	24.80	22.44	26.92	24.37	23.17	29.24	19.13	14.44	221.5	+0.000
D 1000	23.77	24.97	25.18	24.76	22.38	29.28	24.37	23.17	29.24	19.34	14.35	247.9	+0.000
D 1015	23.77	24.97	25.18	24.72	22.35	31.66	24.37	23.16	29.24	19.86	14.14	267.4	+0.000
D 1030	23.77	24.97	25.18	24.68	22.33	33.03	24.36	23.16	29.25	21.24	13.64	288.9	+0.000
D 1045	23.77	24.97	25.18	24.63	22.34	36.26	24.36	23.16	29.26	22.21	13.29	306.7	+0.000
D 1100	23.77	24.97	25.18	24.59	22.37	38.35	24.36	23.16	29.27	23.00	12.99	320.8	+0.000
D 1115	23.77	24.96	25.18	24.55	22.41	40.52	24.36	23.16	29.30	23.76	12.70	343.0	+0.000
D 1130	23.77	24.96	25.18	24.51	22.49	42.42	24.36	23.16	29.32	24.68	12.31	359.9	+0.000
D 1145	23.77	24.96	25.18	24.47	22.58	44.07	24.36	23.16	29.34	25.13	12.20	369.8	+0.000
D 1200	23.77	24.96	25.18	24.44	22.70	45.59	24.36	23.16	29.38	25.55	11.03	382.5	+0.000
D 1215	23.77	24.96	25.17	24.40	22.84	46.91	24.36	23.16	29.40	26.13	11.80	383.7	+0.000
D 1230	23.77	24.95	25.17	24.37	23.00	47.92	24.36	23.16	29.42	26.65	11.61	381.0	+0.000
D 1245	23.77	24.95	25.17	24.34	23.18	48.96	24.36	23.16	29.44	27.22	11.35	380.5	+0.000
D 1300	23.77	24.95	25.17	24.32	23.38	49.79	24.36	23.16	29.46	27.57	11.07	384.1	+0.000
D 1315	23.76	24.95	25.17	24.30	23.60	50.66	24.36	23.16	29.47	28.00	11.05	376.0	+0.000
D 1330	23.77	24.95	25.17	24.28	23.83	51.82	24.35	23.16	29.48	28.97	11.01	386.8	+0.000
D 1345	23.77	24.95	25.16	24.27	24.07	52.15	24.35	23.15	29.49	29.33	10.59	374.4	+0.000
D 1400	23.76	24.94	25.16	24.26	24.32	52.99	24.35	23.16	29.50	29.71	10.45	361.8	+0.000
D 1415	23.76	24.94	25.15	24.25	24.59	51.69	24.35	23.16	29.51	30.18	10.24	347.8	+0.000
D 1430	23.76	24.94	25.15	24.25	24.86	53.15	24.35	23.15	29.51	30.90	10.00	332.3	+0.000
D 1445	23.76	24.94	25.15	24.25	25.14	52.18	24.34	23.15	29.51	29.90	10.32	325.1	+0.000
D 1500	23.76	24.94	25.15	24.27	25.43	51.97	24.35	23.15	29.51	30.22	10.20	304.0	+0.000
D 1515	23.77	24.94	25.14	24.28	25.72	51.74	24.34	23.15	29.51	30.45	10.12	291.9	+0.000
D 1530	23.76	24.94	25.14	24.32	26.03	51.69	24.34	23.15	29.51	31.12	9.91	262.6	+0.000
D 1545	23.77	24.94	25.14	24.32	26.39	51.25	24.34	23.15	29.51	31.25	9.83	235.8	+0.000
D 1600	23.76	24.93	25.12	24.35	26.56	50.91	24.34	23.15	29.52	31.17	9.87	238.2	+0.000
D 1615	23.76	24.93	25.12	24.38	26.83	49.74	24.34	23.15	29.52	31.25	9.85	213.7	+0.000
D 1630	23.76	24.93	25.12	24.42	27.10	49.04	24.34	23.15	29.52	31.78	9.86	189.6	+0.000
D 1645	23.76	24.93	25.11	24.46	27.36	47.71	24.34	23.15	29.52	31.17	9.89	168.1	+0.000
D 1700	23.77	24.93	25.11	24.51	27.61	46.64	24.34	23.15	29.52	31.96	9.61	159.6	+0.000
D 1715	23.76	24.93	25.10	24.55	27.83	45.06	24.34	23.15	29.52	31.72	9.70	139.6	+0.000
D 1730	23.76	24.93	25.10	24.60	28.05	43.24	24.34	23.15	29.52	31.39	9.82	108.8	+0.000
D 1745	23.76	24.92	25.09	24.66	28.26	41.31	24.34	23.15	29.52	31.14	9.91	80.4	+0.000
D 1800	23.77	24.93	25.09	24.72	28.45	39.23	24.33	23.15	29.52	29.67	10.43	39.66	+0.000
D 1815	23.77	24.93	25.09	24.78	28.62	37.11	24.33	23.15	29.52	29.33	10.64	23.64	+0.000
D 1830	23.76	24.93	25.08	24.83	28.76	35.13	24.34	23.15	29.53	28.20	10.94	07.78	+0.000
D 1845	23.77	24.93	25.08	24.90	28.89	33.05	24.33	23.15	29.52	27.23	11.28	34.43	+0.000
D 1900	23.77	24.93	25.07	24.97	29.00	30.90	24.33	23.16	29.53	25.28	11.98	56.98	+0.000
D 1915	23.76	24.93	25.06	25.03	29.08	28.83	24.33	23.15	29.53	23.33	12.54	59.88	+0.000
D 1930	23.76	24.92	25.05	25.09	29.14	27.09	24.33	23.15	29.52	23.09	12.81	55.55	+0.000
D 1945	23.77	24.93	25.06	25.17	29.19	25.67	24.33	23.15	29.52	22.71	12.97	58.43	+0.000
D 2000	23.76	24.92	25.05	25.23	29.20	24.44	24.33	23.15	29.53	22.17	13.16	56.63	+0.000
D 2015	23.77	24.93	25.05	25.29	29.20	23.33	24.33	23.16	29.53	21.64	13.31	54.62	+0.000
D 2030	23.77	24.93	25.05	25.35	29.17	22.15	24.33	23.15	29.53	21.19	13.47	52.77	+0.000
D 2045	23.76	24.92	25.04	25.41	29.12	21.55	24.33	23.16	29.53	21.35	13.40	54.20	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip		
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC				Air	
D 2100	23.77	24.92	25.04	25.47	29.06	20.93	24.33	23.15	29.52	21.15	13.50	-53.74	+0.000
D 2115	23.77	24.92	25.04	25.53	28.97	20.32	24.33	23.16	29.53	20.92	13.61	-53.44	+0.000
D 2130	23.77	24.92	25.04	25.59	28.88	19.76	24.32	23.15	29.52	20.49	13.77	-53.21	+0.000
D 2145	23.77	24.92	25.04	25.63	28.78	19.29	24.32	23.15	29.52	20.29	13.84	-53.08	+0.000
D 2200	23.77	24.92	25.04	25.69	28.67	18.83	24.33	23.15	29.53	20.27	13.85	-51.02	+0.000
D 2215	23.77	24.92	25.03	25.72	28.54	18.40	24.33	23.16	29.52	20.20	13.87	-51.65	+0.000
D 2230	23.77	24.92	25.04	25.77	28.42	18.08	24.33	23.16	29.52	19.90	13.98	-52.40	+0.000
D 2245	23.77	24.92	25.04	25.81	28.28	17.70	24.33	23.15	29.52	19.32	14.16	-50.99	+0.000
D 2300	23.77	24.92	25.04	25.84	28.14	17.28	24.33	23.15	29.52	18.74	14.25	-50.84	+0.000
D 2315	23.77	24.92	25.04	25.87	28.00	16.95	24.32	23.15	29.52	19.03	14.25	-56.49	+0.000
D 2330	23.77	24.92	25.05	25.90	27.86	16.58	24.32	23.16	29.52	18.28	14.55	-48.78	+0.000
D 2345	23.77	24.92	25.05	25.92	27.72	15.82	24.32	23.15	29.52	17.41	14.88	-46.22	+0.000
D 0000	23.77	24.92	25.05	25.94	27.58	15.49	24.32	23.15	29.52	17.78	14.75	-48.94	+0.000
D 0015	23.77	24.91	25.05	25.95	27.44	15.20	24.32	23.16	29.52	17.62	14.80	-48.94	+0.000
D 0030	23.77	24.91	25.06	25.97	27.30	14.88	24.32	23.16	29.52	17.97	14.68	-50.41	+0.000
D 0045	23.77	24.91	25.06	25.97	27.16	14.88	24.32	23.16	29.52	18.69	14.42	-50.56	+0.000
D 0100	23.77	24.91	25.07	25.98	27.01	14.99	24.32	23.16	29.52	19.27	14.21	-53.06	+0.000
D 0115	23.77	24.91	25.07	25.99	26.87	14.64	24.32	23.15	29.51	17.27	14.93	-47.17	+0.000
D 0130	23.77	24.91	25.07	25.99	26.73	13.99	24.32	23.15	29.52	15.76	15.48	-46.93	+0.000
D 0145	23.77	24.91	25.07	25.98	26.59	13.59	24.32	23.16	29.52	15.78	15.77	-43.76	+0.000
D 0200	23.77	24.91	25.08	25.97	26.45	13.25	24.32	23.15	29.51	15.51	15.56	-43.37	+0.000
D 0215	23.77	24.91	25.09	25.97	26.32	13.03	24.31	23.16	29.52	15.78	15.47	-42.42	+0.000
D 0230	23.77	24.91	25.10	25.96	26.19	12.63	24.32	23.16	29.52	15.90	15.45	-39.89	+0.000
D 0245	23.77	24.90	25.10	25.94	26.05	12.36	24.31	23.15	29.51	15.92	15.45	-41.21	+0.000
D 0300	23.77	24.90	25.11	25.93	25.91	12.23	24.31	23.15	29.51	16.00	15.36	-39.99	+0.000
D 0315	23.77	24.90	25.11	25.92	25.79	12.10	24.32	23.15	29.51	16.32	15.33	-39.40	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m					
D 1045	+23.77	+24.87	+25.24	+24.91	+22.74	+36.50	+24.29	+23.14	+29.36	+22.69	+13.16	+305.4	+0.000
D 1100	+23.77	+24.88	+25.25	+24.87	+22.77	+38.84	+24.29	+23.15	+29.38	+23.59	+12.89	+329.6	+0.000
D 1115	+23.76	+24.87	+25.24	+24.82	+22.81	+40.98	+24.28	+23.14	+29.39	+24.23	+12.57	+345.6	+0.000
D 1130	+23.76	+24.87	+25.24	+24.78	+22.88	+42.97	+24.28	+23.14	+29.41	+24.87	+12.27	+359.2	+0.000
D 1145	+23.77	+24.87	+25.25	+24.71	+22.99	+44.67	+24.28	+23.14	+29.42	+25.82	+11.92	+360.9	+0.000
D 1200	+23.77	+24.86	+25.24	+24.67	+23.33	+47.71	+24.29	+23.15	+29.45	+26.52	+11.66	+368.9	+0.000
D 1215	+23.76	+24.86	+25.24	+24.65	+23.39	+48.69	+24.28	+23.14	+29.45	+27.70	+11.23	+372.6	+0.000
D 1230	+23.77	+24.86	+25.24	+24.62	+23.56	+49.63	+24.28	+23.14	+29.45	+28.16	+11.02	+377.3	+0.000
D 1245	+23.76	+24.86	+25.24	+24.59	+23.75	+50.55	+24.28	+23.14	+29.46	+28.68	+10.82	+378.1	+0.000
D 1300	+23.76	+24.86	+25.24	+24.57	+23.98	+51.55	+24.28	+23.14	+29.46	+29.31	+10.69	+382.6	+0.000
D 1315	+23.76	+24.86	+25.24	+24.55	+24.20	+51.66	+24.28	+23.14	+29.46	+29.47	+10.54	+387.2	+0.000
D 1330	+23.76	+24.86	+25.23	+24.53	+24.45	+52.02	+24.28	+23.14	+29.46	+29.79	+10.42	+376.1	+0.000
D 1345	+23.76	+24.86	+25.23	+24.53	+24.70	+52.19	+24.27	+23.14	+29.46	+29.92	+10.37	+358.9	+0.000
D 1400	+23.76	+24.86	+25.23	+24.52	+24.97	+52.35	+24.28	+23.14	+29.46	+30.16	+10.26	+350.8	+0.000
D 1415	+23.76	+24.86	+25.23	+24.52	+25.23	+52.51	+24.27	+23.14	+29.46	+30.49	+10.14	+332.8	+0.000
D 1430	+23.75	+24.85	+25.23	+24.52	+25.33	+52.67	+24.28	+23.14	+29.47	+30.79	+10.01	+315.0	+0.000
D 1445	+23.76	+24.85	+25.23	+24.52	+25.51	+52.77	+24.28	+23.14	+29.47	+31.11	+9.89	+297.4	+0.000
D 1500	+23.76	+24.85	+25.22	+24.53	+25.79	+52.65	+24.27	+23.13	+29.46	+31.41	+9.78	+280.3	+0.000
D 1515	+23.76	+24.85	+25.22	+24.54	+26.07	+52.29	+24.27	+23.14	+29.47	+31.76	+9.66	+262.7	+0.000
D 1530	+23.76	+24.85	+25.22	+24.57	+26.36	+51.58	+24.28	+23.14	+29.47	+31.76	+9.55	+245.6	+0.000
D 1545	+23.76	+24.85	+25.21	+24.59	+26.63	+50.88	+24.28	+23.14	+29.47	+31.55	+9.43	+228.5	+0.000
D 1600	+23.76	+24.85	+25.21	+24.59	+26.91	+49.92	+24.27	+23.13	+29.46	+31.34	+9.32	+211.4	+0.000
D 1615	+23.76	+24.86	+25.21	+24.65	+27.18	+49.14	+24.27	+23.13	+29.47	+31.52	+9.20	+194.3	+0.000
D 1630	+23.76	+24.85	+25.19	+24.68	+27.44	+48.28	+24.27	+23.13	+29.47	+31.36	+9.08	+177.2	+0.000
D 1645	+23.76	+24.85	+25.19	+24.72	+27.69	+46.45	+24.27	+23.14	+29.47	+30.96	+8.96	+160.1	+0.000
D 1700	+23.76	+24.85	+25.19	+24.77	+27.93	+44.60	+24.27	+23.14	+29.47	+30.66	+8.84	+143.0	+0.000
D 1715	+23.76	+24.85	+25.18	+24.81	+28.16	+43.27	+24.27	+23.14	+29.47	+30.44	+8.72	+125.9	+0.000
D 1730	+23.76	+24.85	+25.18	+24.86	+28.37	+41.62	+24.27	+23.13	+29.47	+30.29	+8.60	+108.8	+0.000
D 1745	+23.76	+24.85	+25.17	+24.92	+28.57	+40.21	+24.27	+23.13	+29.47	+30.16	+8.48	+91.7	+0.000
D 1800	+23.76	+24.85	+25.17	+24.97	+28.74	+38.72	+24.26	+23.13	+29.47	+30.04	+8.36	+74.6	+0.000
D 1815	+23.76	+24.85	+25.17	+25.03	+28.91	+37.16	+24.26	+23.13	+29.47	+30.03	+8.24	+57.5	+0.000
D 1830	+23.76	+24.85	+25.16	+25.09	+29.05	+35.77	+24.26	+23.13	+29.46	+29.96	+8.12	+40.4	+0.000
D 1845	+23.76	+24.85	+25.16	+25.16	+29.17	+33.31	+24.26	+23.13	+29.47	+29.93	+8.00	+23.3	+0.000
D 1900	+23.76	+24.85	+25.15	+25.22	+29.28	+31.22	+24.26	+23.13	+29.47	+29.89	+7.88	+6.2	+0.000
D 1915	+23.76	+24.84	+25.14	+25.28	+29.35	+29.26	+24.27	+23.14	+29.47	+29.86	+7.76	-10.9	+0.000
D 1930	+23.76	+24.85	+25.14	+25.34	+29.41	+27.59	+24.27	+23.13	+29.47	+29.80	+7.64	-27.8	+0.000
D 1945	+23.76	+24.84	+25.13	+25.40	+29.41	+26.13	+24.26	+23.13	+29.47	+29.71	+7.52	-44.7	+0.000
D 2000	+23.76	+24.84	+25.13	+25.47	+29.46	+24.86	+24.27	+23.13	+29.47	+29.61	+7.40	-61.6	+0.000
D 2015	+23.76	+24.84	+25.13	+25.53	+29.45	+23.76	+24.27	+23.14	+29.47	+29.50	+7.28	-78.5	+0.000
D 2030	+23.76	+24.84	+25.12	+25.59	+29.42	+22.77	+24.27	+23.14	+29.47	+29.39	+7.16	-95.4	+0.000
D 2045	+23.76	+24.84	+25.12	+25.67	+29.39	+21.11	+24.26	+23.13	+29.47	+29.27	+7.04	-112.3	+0.000
D 2100	+23.76	+24.85	+25.12	+25.71	+29.32	+19.46	+24.26	+23.13	+29.46	+29.16	+6.92	-129.2	+0.000
D 2115	+23.76	+24.84	+25.12	+25.77	+29.24	+17.80	+24.26	+23.13	+29.46	+29.05	+6.80	-146.1	+0.000
D 2130	+23.76	+24.85	+25.12	+25.82	+29.14	+16.14	+24.26	+23.14	+29.46	+28.94	+6.68	-163.0	+0.000
D 2145	+23.76	+24.84	+25.12	+25.87	+29.03	+14.48	+24.25	+23.13	+29.47	+28.83	+6.56	-179.9	+0.000
D 2200	+23.76	+24.84	+25.12	+25.93	+28.92	+12.82	+24.26	+23.13	+29.46	+28.72	+6.44	-196.8	+0.000
D 2215	+23.76	+24.84	+25.12	+25.95	+28.80	+11.16	+24.26	+23.13	+29.46	+28.61	+6.32	-213.7	+0.000
D 2230	+23.76	+24.84	+25.13	+25.99	+28.67	+9.50	+24.26	+23.13	+29.46	+28.50	+6.20	-230.6	+0.000
D 2245	+23.76	+24.84	+25.12	+26.03	+28.54	+7.84	+24.26	+23.13	+29.46	+28.39	+6.08	-247.5	+0.000
D 2300	+23.76	+24.84	+25.12	+26.06	+28.40	+6.18	+24.26	+23.14	+29.47	+28.28	+5.96	-264.4	+0.000
D 2315	+23.77	+24.84	+25.13	+26.10	+28.26	+4.52	+24.26	+23.14	+29.47	+28.17	+5.84	-281.3	+0.000
D 2330	+23.77	+24.84	+25.13	+26.12	+28.12	+2.86	+24.26	+23.14	+29.47	+28.06	+5.72	-298.2	+0.000
D 2345	+23.76	+24.84	+25.13	+26.14	+27.97	+1.20	+24.26	+23.14	+29.47	+27.95	+5.60	-315.1	+0.000
D 0000	+23.76	+24.84	+25.14	+26.16	+27.83	-0.46	+24.26	+23.13	+29.46	+27.84	+5.48	-332.0	+0.000
D 0015	+23.76	+24.84	+25.14	+26.17	+27.67	-2.12	+24.26	+23.14	+29.47	+27.73	+5.36	-348.9	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m					
D 0030	+23.76	+24.84	+25.14	+26.18	+27.53	+14.92	+24.26	+23.14	+29.47	+19.18	+14.24	+40.98	+0.000
D 0045	+23.77	+24.85	+25.15	+26.19	+27.39	+14.49	+24.26	+23.14	+29.47	+18.71	+14.41	+41.37	+0.000
D 0100	+23.76	+24.84	+25.15	+26.19	+27.23	+14.25	+24.26	+23.14	+29.46	+18.28	+14.56	+41.59	+0.000
D 0115	+23.76	+24.84	+25.15	+26.19	+27.08	+14.04	+24.26	+23.14	+29.47	+18.11	+14.63	+41.20	+0.000
D 0130	+23.76	+24.84	+25.15	+26.19	+26.92	+13.83	+24.26	+23.14	+29.46	+17.95	+14.68	+41.39	+0.000
D 0145	+23.77	+24.84	+25.17	+26.20	+26.80	+13.78	+24.26	+23.14	+29.46	+17.80	+14.69	+41.79	+0.000
D 0200	+23.77	+24.84	+25.17	+26.19	+26.66	+13.56	+24.26	+23.13	+29.46	+17.67	+14.79	+41.86	+0.000
D 0215	+23.77	+24.84	+25.18	+26.18	+26.51	+13.11	+24.26	+23.14	+29.46	+17.32	+14.91	+40.84	+0.000
D 0230	+23.77	+24.84	+25.18	+26.17	+26.38	+12.72	+24.25	+23.13	+29.46	+17.14	+14.76	+40.19	+0.000
D 0245	+23.76	+24.84	+25.18	+26.16	+26.24	+12.46	+24.26	+23.14	+29.47	+16.97	+14.63	+40.02	+0.000
D 0300	+23.77	+24.84	+25.19	+26.14	+26.10	+12.18	+24.26	+23.14	+29.46	+16.80	+14.89	+40.42	+0.000
D 0315	+23.76	+24.83	+25.19	+26.12	+25.96	+11.86	+24.26	+23.14	+29.46	+16.65	+15.07	+39.85	+0.000
D 0330	+23.76	+24.83	+25.20	+26.10	+25.83	+11.59	+24.26	+23.13	+29.46	+16.55	+15.16	+39.09	+0.000
D 0345	+23.76	+24.83	+25.21	+26.08	+25.70	+11.25	+24.25	+23.13	+29.46	+16.59	+15.48	+40.38	+0.000
D 0400	+23.76	+24.83	+25.21	+26.05	+25.57	+10.93	+24.26	+23.14	+29.46	+16.58	+15.68	+38.47	+0.000
D 0415	+23.77	+24.83	+25.21	+26.04	+25.45	+10.61	+24.26	+23.14	+29.46	+16.68	+15.86	+38.45	+0.000
D 0430	+23.76	+24.84	+25.23	+26.01	+25.32	+10.26	+24.25	+23.14	+29.46	+16.79	+16.26	+38.80	+0.000
D 0445	+23.77	+24.84	+25.24	+25.98	+25.20	+9.88	+24.25	+23.14	+29.46	+16.90	+16.64	+39.18	+0.000
D 0500	+23.77	+24.83	+25.24	+25.95	+25.07	+9.57	+24.26	+23.14	+29.47	+17.01	+16.14	+39.41	+0.000
D 0515	+23.76	+24.84	+25.24	+25.93	+24.94	+9.26	+24.26	+23.14	+29.47	+17.12	+16.11	+37.85	+0.000
D 0530	+23.77	+24.84	+25.26	+25.90	+24.82	+8.95	+24.25	+23.14	+29.46	+17.23	+16.05	+37.92	+0.000
D 0545	+23.77	+24.84	+25.26	+25.87	+24.70	+8.64	+24.25	+23.14	+29.46	+17.34	+16.02	+37.99	+0.000
D 0600	+23.76	+24.83	+25.27	+25.83	+24.58	+8.33	+24.25	+23.14	+29.46	+17.45	+16.24	+37.89	+0.000
D 0615	+23.76	+24.83	+25.27	+25.80	+24.45	+8.02	+24.25	+23.14	+29.46	+17.56	+16.21	+37.15	+0.000
D 0630	+23.76	+24.83	+25.27	+25.76	+24.33	+7.71	+24.26	+23.14	+29.47	+17.67	+16.45	+37.37	+0.000
D 0645	+23.77	+24.83	+25.28	+25.73	+24.22	+7.40	+24.25	+23.14	+29.46	+17.78	+16.55	+37.69	+0.000
D 0700	+23.77	+24.83	+25.28	+25.69	+24.10	+7.10	+24.25	+23.14	+29.46	+17.89	+16.65	+37.00	+0.000
D 0715	+23.77												



Time	1.0m 1.75m 1.75m						Surf. PVC	PVC	PVC	Air	Ref. Hum.	Net Rad.	Precip
	1.0m	1.0m	.5m	.25m	.125m	Surf.							
D 1430	23.75	24.80	25.31	24.66	25.28	51.25	24.23	23.11	29.44	29.59	10.44	-332.0	+0.000
D 1445	23.75	24.80	25.30	24.66	25.55	51.62	24.23	23.11	29.44	29.84	10.34	-316.7	+0.000
D 1500	23.75	24.80	25.30	24.67	25.82	52.00	24.23	23.11	29.44	30.52	10.10	-298.0	+0.000
D 1515	23.75	24.81	25.30	24.69	26.09	51.58	24.23	23.12	29.44	30.72	10.03	-280.1	+0.000
D 1530	23.75	24.80	25.30	24.70	26.36	50.98	24.22	23.11	29.43	30.91	09.96	-275.6	+0.000
D 1545	23.75	24.80	25.29	24.72	26.63	50.19	24.22	23.11	29.43	30.97	09.94	-245.3	+0.000
D 1600	23.75	24.80	25.28	24.74	26.90	49.80	24.22	23.11	29.44	31.46	09.77	-331.6	+0.000
D 1615	23.75	24.80	25.28	24.77	27.16	48.72	24.22	23.11	29.44	31.15	09.82	-211.8	+0.000
D 1630	23.75	24.80	25.27	24.81	27.41	47.29	24.22	23.12	29.44	31.06	09.88	-184.0	+0.000
D 1645	23.75	24.80	25.27	24.85	27.66	45.71	24.22	23.11	29.44	30.69	10.05	-165.6	+0.000
D 1700	23.75	24.80	25.26	24.88	27.88	44.31	24.22	23.12	29.44	30.65	10.06	-148.7	+0.000
D 1715	23.75	24.80	25.26	24.93	28.11	42.93	24.22	23.12	29.44	30.51	10.11	-107.5	+0.000
D 1730	23.76	24.80	25.25	24.97	28.33	41.21	24.22	23.12	29.45	30.23	10.21	-55.34	+0.000
D 1745	23.75	24.80	25.25	25.03	28.51	39.51	24.22	23.11	29.43	29.83	10.35	-16.90	+0.000
D 1800	23.75	24.80	25.24	25.08	28.68	37.57	24.22	23.11	29.44	29.42	10.49	-26.07	+0.000
D 1815	23.75	24.79	25.24	25.13	28.83	35.63	24.22	23.11	29.44	28.73	10.74	-6.094	+0.000
D 1830	23.75	24.80	25.23	25.19	28.98	33.83	24.22	23.12	29.44	28.15	10.95	-21.14	+0.000
D 1845	23.75	24.80	25.23	25.25	29.13	31.94	24.22	23.12	29.44	27.38	11.26	-44.79	+0.000
D 1900	23.75	24.80	25.23	25.31	29.19	29.94	24.22	23.12	29.44	25.82	11.79	-59.57	+0.000
D 1915	23.75	24.80	25.22	25.37	29.26	28.08	24.22	23.11	29.44	24.85	12.14	-61.03	+0.000
D 1930	23.75	24.80	25.22	25.43	29.32	26.49	24.22	23.11	29.44	24.26	12.38	-60.72	+0.000
D 1945	23.75	24.80	25.21	25.49	29.35	25.14	24.22	23.12	29.44	23.79	12.54	-57.61	+0.000
D 2000	23.76	24.80	25.21	25.56	29.36	24.03	24.22	23.11	29.44	23.52	12.62	-56.12	+0.000
D 2015	23.76	24.80	25.21	25.62	29.35	23.06	24.22	23.11	29.44	23.04	12.79	-54.68	+0.000
D 2030	23.75	24.80	25.20	25.67	29.31	22.28	24.22	23.12	29.45	22.22	13.08	-53.28	+0.000
D 2045	23.76	24.80	25.20	25.73	29.26	21.49	24.22	23.12	29.44	22.52	13.29	-51.87	+0.000
D 2100	23.75	24.80	25.20	25.78	29.19	20.89	24.22	23.12	29.44	22.53	13.00	-61.87	+0.000
D 2115	23.76	24.80	25.20	25.84	29.11	20.55	24.22	23.11	29.44	22.34	13.09	-62.60	+0.000
D 2130	23.75	24.80	25.20	25.89	29.01	20.25	24.22	23.11	29.43	22.49	13.05	-57.33	+0.000
D 2145	23.75	24.80	25.19	25.93	28.90	19.99	24.21	23.11	29.43	22.52	13.02	-57.09	+0.000
D 2200	23.75	24.80	25.19	25.97	28.78	19.55	24.22	23.11	29.44	22.52	13.02	-57.09	+0.000
D 2215	23.75	24.80	25.20	26.01	28.66	19.19	24.22	23.11	29.43	22.52	13.02	-57.09	+0.000
D 2230	23.75	24.80	25.19	26.05	28.53	18.82	24.22	23.11	29.43	22.52	13.08	-55.14	+0.000
D 2245	23.75	24.80	25.19	26.05	28.11	18.82	24.22	23.11	29.43	22.25	13.08	-55.14	+0.000
D 2300	23.76	24.80	25.21	26.12	28.27	18.42	24.22	23.11	29.44	21.12	13.48	-49.52	+0.000
D 2315	23.75	24.80	25.20	26.13	28.13	17.41	24.22	23.12	29.44	19.65	14.01	-44.74	+0.000
D 2330	23.76	24.80	25.20	26.16	28.00	16.76	24.22	23.11	29.44	19.12	14.20	-44.63	+0.000
D 2345	23.76	24.80	25.20	26.18	27.87	16.40	24.22	23.11	29.44	19.12	14.13	-46.01	+0.000
D 0000	23.76	24.80	25.21	26.20	27.73	16.17	24.22	23.12	29.44	19.58	14.04	-42.83	+0.000

Time	1.0m 1.75m 1.75m						Surf. PVC	PVC	PVC	Air	Ref. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.							
D 0015	23.76	24.80	25.21	26.21	27.60	15.74	24.22	23.11	29.44	19.18	14.18	-41.76	+0.000
D 0030	23.75	24.80	25.21	26.21	27.46	15.25	24.21	23.11	29.44	18.91	14.28	-39.79	+0.000
D 0045	23.76	24.80	25.22	26.23	27.33	14.93	24.22	23.12	29.44	19.03	14.24	-39.49	+0.000
D 0100	23.76	24.81	25.22	26.20	27.20	14.63	24.22	23.11	29.44	18.73	14.36	-39.94	+0.000
D 0115	23.76	24.80	25.23	26.23	27.06	14.49	24.22	23.12	29.45	18.79	14.37	-40.14	+0.000
D 0130	23.76	24.80	25.23	26.23	26.92	14.30	24.22	23.12	29.45	18.79	14.38	-40.15	+0.000
D 0145	23.76	24.81	25.24	26.23	26.79	13.93	24.22	23.11	29.44	17.83	14.73	-39.69	+0.000
D 0200	23.76	24.80	25.24	26.21	26.65	13.50	24.22	23.12	29.44	17.39	14.94	-38.48	+0.000
D 0215	23.76	24.80	25.25	26.21	26.52	13.12	24.22	23.12	29.44	17.39	14.90	-38.02	+0.000
D 0230	23.76	24.80	25.25	26.20	26.39	12.94	24.22	23.12	29.44	17.16	14.92	-37.63	+0.000
D 0245	23.75	24.80	25.26	26.18	26.25	12.90	24.22	23.11	29.44	17.02	14.96	-37.23	+0.000
D 0300	23.76	24.80	25.26	26.17	26.12	12.52	24.21	23.11	29.43	16.34	15.21	-37.23	+0.000
D 0315	23.76	24.80	25.26	26.15	25.99	12.21	24.22	23.12	29.44	16.37	15.21	-37.65	+0.000
D 0330	23.76	24.80	25.27	26.13	25.87	11.91	24.22	23.12	29.44	15.98	15.33	-37.08	+0.000
D 0345	23.76	24.80	25.28	26.11	25.74	11.60	24.22	23.12	29.44	15.41	15.54	-35.45	+0.000
D 0400	23.75	24.80	25.28	26.09	25.61	11.37	24.22	23.11	29.44	14.87	15.73	-34.63	+0.000

Time	1.75m 1.0m .5m .25m				.125m Surf.		1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC				Air
D 1815	+23.74	+24.78	+25.28	+25.26	+29.12	+35.89	+24.19	+23.09	+29.44	+29.36	+10.57	+2.394	+0.000
D 1830	+23.74	+24.77	+25.28	+25.31	+29.25	+34.08	+24.19	+23.09	+29.44	+28.63	+10.79	+24.48	+0.000
D 1845	+23.74	+24.77	+25.27	+25.37	+29.38	+32.22	+24.19	+23.09	+29.44	+27.60	+11.15	+48.07	+0.000
D 1900	+23.74	+24.77	+25.26	+25.43	+29.47	+30.33	+24.20	+23.10	+29.45	+26.47	+11.56	+59.67	+0.000
D 1915	+23.74	+24.77	+25.27	+25.56	+29.59	+28.44	+24.19	+23.10	+29.45	+25.34	+11.96	+58.59	+0.000
D 1930	+23.74	+24.77	+25.26	+25.66	+29.60	+26.65	+24.19	+23.09	+29.44	+24.41	+12.31	+54.23	+0.000
D 1945	+23.74	+24.77	+25.25	+25.63	+29.63	+25.37	+24.20	+23.09	+29.44	+24.24	+12.42	+52.45	+0.000
D 2000	+23.74	+24.77	+25.25	+25.68	+29.63	+24.22	+24.19	+23.09	+29.44	+23.58	+12.66	+51.98	+0.000
D 2015	+23.74	+24.77	+25.24	+25.74	+29.61	+23.21	+24.20	+23.09	+29.44	+22.95	+12.85	+48.58	+0.000
D 2030	+23.74	+24.77	+25.24	+25.80	+29.58	+21.44	+24.20	+23.09	+29.44	+22.72	+12.91	+48.58	+0.000
D 2045	+23.75	+24.78	+25.25	+25.86	+29.53	+21.82	+24.19	+23.09	+29.44	+23.28	+12.70	+46.68	+0.000
D 2100	+23.74	+24.78	+25.25	+25.92	+29.47	+21.19	+24.19	+23.10	+29.44	+23.55	+12.63	+45.45	+0.000
D 2115	+23.75	+24.78	+25.24	+25.97	+29.38	+20.61	+24.19	+23.09	+29.43	+23.25	+12.74	+45.96	+0.000
D 2130	+23.75	+24.78	+25.24	+26.02	+29.28	+20.04	+24.20	+23.09	+29.44	+21.33	+13.11	+42.84	+0.000
D 2145	+23.74	+24.78	+25.24	+26.07	+29.17	+19.53	+24.19	+23.09	+29.43	+21.42	+13.44	+43.29	+0.000
D 2200	+23.74	+24.78	+25.24	+26.12	+29.05	+18.95	+24.19	+23.09	+29.43	+21.42	+13.44	+43.29	+0.000
D 2215	+23.75	+24.78	+25.24	+26.15	+28.93	+18.34	+24.20	+23.10	+29.44	+20.80	+13.65	+42.50	+0.000
D 2230	+23.75	+24.78	+25.25	+26.19	+28.80	+17.85	+24.20	+23.09	+29.44	+21.02	+13.54	+42.81	+0.000
D 2245	+23.74	+24.78	+25.24	+26.23	+28.67	+17.34	+24.19	+23.09	+29.44	+21.20	+13.45	+42.81	+0.000
D 2300	+23.75	+24.78	+25.25	+26.28	+28.54	+16.83	+24.19	+23.09	+29.44	+21.47	+13.35	+41.64	+0.000
D 2315	+23.74	+24.78	+25.25	+26.32	+28.41	+16.32	+24.19	+23.09	+29.44	+21.74	+13.25	+41.64	+0.000
D 2330	+23.75	+24.78	+25.25	+26.31	+28.25	+16.48	+24.19	+23.09	+29.44	+20.53	+13.69	+40.55	+0.000
D 2345	+23.74	+24.78	+25.25	+26.33	+28.11	+16.04	+24.20	+23.10	+29.44	+19.34	+14.13	+41.84	+0.000
D 0000	+23.74	+24.78	+25.25	+26.34	+27.96	+15.54	+24.20	+23.09	+29.44	+18.58	+14.43	+39.14	+0.000
D 0015	+23.75	+24.78	+25.26	+26.35	+27.81	+15.19	+24.20	+23.10	+29.44	+18.35	+14.54	+40.03	+0.000
D 0030	+23.74	+24.77	+25.26	+26.36	+27.66	+14.81	+24.19	+23.09	+29.44	+17.87	+14.71	+40.92	+0.000
D 0045	+23.75	+24.78	+25.26	+26.37	+27.53	+14.53	+24.19	+23.10	+29.44	+17.64	+14.80	+38.73	+0.000
D 0100	+23.74	+24.78	+25.27	+26.37	+27.38	+14.45	+24.20	+23.10	+29.45	+18.04	+14.65	+38.56	+0.000
D 0115	+23.75	+24.78	+25.27	+26.37	+27.24	+14.38	+24.20	+23.10	+29.45	+18.97	+14.32	+37.94	+0.000
D 0130	+23.75	+24.78	+25.27	+26.37	+27.10	+14.10	+24.19	+23.09	+29.44	+18.82	+14.37	+37.51	+0.000
D 0145	+23.74	+24.77	+25.28	+26.36	+26.95	+13.80	+24.20	+23.09	+29.44	+18.31	+14.56	+37.70	+0.000
D 0200	+23.74	+24.78	+25.29	+26.36	+26.81	+13.54	+24.19	+23.10	+29.44	+17.58	+14.82	+37.41	+0.000
D 0215	+23.75	+24.78	+25.29	+26.35	+26.68	+13.59	+24.19	+23.09	+29.43	+17.50	+14.86	+39.40	+0.000
D 0230	+23.78	+24.78	+25.30	+26.34	+26.54	+13.26	+24.19	+23.09	+29.44	+17.35	+14.93	+38.66	+0.000
D 0245	+23.74	+24.78	+25.30	+26.31	+26.41	+12.96	+24.19	+23.09	+29.44	+17.35	+14.93	+38.66	+0.000
D 0300	+23.74	+24.78	+25.31	+26.31	+26.27	+13.35	+24.20	+23.10	+29.44	+16.87	+15.11	+38.78	+0.000
D 0315	+23.74	+24.78	+25.31	+26.29	+26.14	+12.96	+24.20	+23.10	+29.45	+16.28	+15.33	+37.03	+0.000
D 0330	+23.74	+24.78	+25.32	+26.27	+26.01	+12.61	+24.19	+23.09	+29.44	+15.94	+15.46	+37.84	+0.000
D 0345	+23.75	+24.78	+25.33	+26.25	+25.88	+12.19	+24.19	+23.09	+29.44	+15.55	+15.61	+35.67	+0.000
D 0400	+23.74	+24.78	+25.33	+26.23	+25.76	+11.89	+24.19	+23.09	+29.44	+15.23	+15.72	+36.06	+0.000
D 0415	+23.74	+24.77	+25.33	+26.20	+25.63	+11.67	+24.20	+23.09	+29.45	+15.00	+15.81	+34.52	+0.000
D 0430	+23.74	+24.77	+25.34	+26.17	+25.51	+11.53	+24.19	+23.09	+29.44	+15.39	+15.67	+34.24	+0.000
D 0445	+23.74	+24.77	+25.35	+26.15	+25.39	+11.45	+24.20	+23.09	+29.45	+15.64	+15.58	+34.90	+0.000
D 0500	+23.74	+24.77	+25.35	+26.12	+25.27	+11.33	+24.20	+23.09	+29.44	+15.57	+15.60	+35.47	+0.000
D 0515	+23.75	+24.78	+25.36	+26.09	+25.16	+11.24	+24.20	+23.10	+29.45	+15.13	+15.78	+34.60	+0.000
D 0530	+23.74	+24.77	+25.36	+26.06	+25.04	+11.25	+24.20	+23.10	+29.45	+15.13	+15.78	+34.60	+0.000
D 0545	+23.75	+24.78	+25.37	+26.03	+24.93	+11.04	+24.20	+23.09	+29.44	+14.92	+15.88	+35.73	+0.000
D 0600	+23.74	+24.77	+25.37	+25.99	+24.81	+10.84	+24.19	+23.09	+29.45	+14.42	+16.08	+35.01	+0.000
D 0615	+23.75	+24.77	+25.38	+25.96	+24.70	+10.72	+24.19	+23.09	+29.45	+14.38	+16.08	+34.81	+0.000
D 0630	+23.74	+24.77	+25.38	+25.93	+24.59	+10.67	+24.19	+23.09	+29.45	+14.38	+16.10	+35.10	+0.000
D 0645	+23.74	+24.77	+25.39	+25.89	+24.48	+10.54	+24.19	+23.09	+29.44	+14.27	+16.13	+32.27	+0.000
D 0700	+23.75	+24.78	+25.40	+25.86	+24.38	+10.46	+24.19	+23.09	+29.45	+13.49	+16.42	+29.84	+0.000
D 0715	+23.74	+24.78	+25.40	+25.82	+24.27	+10.64	+24.19	+23.09	+29.45	+13.27	+16.13	+26.02	+0.000
D 0730	+23.74	+24.77	+25.40	+25.78	+24.17	+10.74	+24.19	+23.09	+29.44	+14.19	+16.17	+19.74	+0.000
D 0745	+23.75	+24.77	+25.40	+25.74	+24.07	+11.27	+24.20	+23.09	+29.44	+14.52	+16.05	+6.513	+0.000

Time	1.75m 1.0m .5m .25m				.125m Surf.		1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC				Air
D 0800	+23.74	+24.77	+25.41	+25.71	+23.96	+12.09	+24.19	+23.09	+29.44	+14.97	+15.88	+4.706	+0.000
D 0815	+23.75	+24.78	+25.41	+25.67	+23.87	+12.82	+24.20	+23.09	+29.45	+15.98	+15.53	+11.37	+0.000
D 0830	+23.75	+24.77	+25.41	+25.63	+23.77	+13.36	+24.19	+23.09	+29.45	+15.10	+15.91	+20.91	+0.000
D 0845	+23.74	+24.77	+25.42	+25.59	+23.68	+14.61	+24.19	+23.09	+29.45	+15.53	+15.78	+0.78	+0.000
D 0900	+23.74	+24.77	+25.42	+25.55	+23.50	+17.24	+24.19	+23.09	+29.45	+17.41	+15.06	+118.0	+0.000
D 0915	+23.74	+24.77	+25.43	+25.51	+23.30	+19.98	+24.19	+23.09	+29.45	+18.29	+14.74	+135.2	+0.000
D 0930	+23.74	+24.77	+25.43	+25.47	+23.42	+22.15	+24.18	+23.08	+29.44	+18.84	+14.54	+117.4	+0.000
D 0945	+23.74	+24.77	+25.43	+25.43	+23.36	+23.15	+24.18	+23.08	+29.44	+18.86	+14.52	+15.1	+0.000
D 1000	+23.74	+24.77	+25.43	+25.39	+23.29	+23.63	+24.18	+23.08	+29.44	+18.70	+14.60	+087	+0.000
D 1015	+23.74	+24.77	+25.43	+25.35	+23.24	+24.36	+24.18	+23.08	+29.44	+18.93	+14.57	+160.1	+0.000
D 1030	+23.74	+24.77	+25.43	+25.31	+26.51	+24.19	+23.09	+29.45	+19.67	+14.36	+186.5	+0.000	
D 1045	+23.74	+24.77	+25.43	+25.26	+23.18	+28.62	+24.19	+23.09	+29.45	+20.29	+14.10	+209.5	+0.000
D 1100	+23.74	+24.76	+25.43	+25.22	+23.10	+30.83	+24.18	+23.08	+29.44	+21.54	+13.58	+232.3	+0.000
D 1115	+23.75	+24.77	+25.44	+25.18	+23.19	+33.75	+24.18	+23.08	+29.44	+24.91	+15.02	+294.3	+0.000
D 1130	+23.74	+24.77	+25.44	+25.15	+23.12	+36.14	+24.19	+23.08	+29.45	+24.17	+12.51	+293.7	+0.000
D 1145	+23.74	+24.76	+25.44	+25.11	+23.16	+46.07	+24.19	+23.08	+29.45	+25.47	+12.04	+404.1	+0.000
D 1200	+23.74	+24.76	+25.43	+25.07	+23.30	+43.19	+24.18	+23.08	+29.44	+26.37	+11.72	+341.1	+0.000
D 1215	+23.73	+24.76	+25.43	+25.03	+23.37	+43.40	+24.18	+23.08	+29.45	+26.41	+11.75	+229.1	+0.000
D 1230	+23.74	+24.76	+25.43	+24.99	+23.47	+42.61	+24.18	+23.08	+29.44	+26.37	+11.78	+270.6	+0.000
D 1245	+23.73	+24.76	+25.43	+24.96	+23.58	+44.26	+24.18	+23.08	+29.44	+26.37	+11.78	+378.9	+0.000
D 1300	+23.74	+24.76	+25.43	+24.93	+23.71	+47.95	+24.18	+23.08	+29.44	+28.71	+10.87	+359.5	+0.000
D 1315	+23.73	+24.76	+25.43	+24.90	+23.87	+48.55	+24.18	+23.08	+29.44	+29.24	+10.67	+346.0	+0.000
D 1330	+23.73	+24.76	+25.42	+24.88	+24.04	+49.74	+24.19	+23.08	+29.45	+30.10	+10.31	+328.3	+0.000
D 1345	+23.73	+24.76	+25.42	+24.86	+24.23	+49.88	+24.18	+23.08	+29.44	+30.97	+10.14	+346.5	+0.000
D 1400	+23.73	+24.76	+25.42	+24.84	+24.44	+51.08	+24.19	+23.07	+29.45	+30.95	+10.00	+302.1	+0.000
D 1415	+23.73	+24.76	+25.42	+24.81	+24.68	+51.38	+24.18	+23.08	+29.44	+30.97	+10.00	+333.1	+0.000
D 1445	+23.74	+24.77	+25.41	+24.81	+25.13	+52.01	+24.18	+23.08	+29.45	+31.16	+0		



Time	1.75m					1.0m		1.75m		Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC				
D 2200	+23.73	+24.76	+25.28	+25.89	+28.47	+19.63	+24.17	+23.07	+29.44	+20.73	+13.92	-42.63	+0.000
D 2215	+23.73	+24.76	+25.28	+25.97	+28.35	+19.18	+24.17	+23.07	+29.44	+20.96	+13.82	-40.88	+0.000
D 2230	+23.73	+24.76	+25.28	+26.00	+28.15	+18.54	+24.17	+23.07	+29.44	+20.49	+14.06	-41.85	+0.000
D 2245	+23.73	+24.76	+25.28	+26.02	+28.03	+18.15	+24.18	+23.08	+29.45	+19.94	+14.28	-41.09	+0.000
D 2300	+23.74	+24.77	+25.28	+26.05	+27.91	+17.97	+24.18	+23.07	+29.44	+20.14	+14.21	-40.93	+0.000
D 2315	+23.73	+24.76	+25.28	+26.07	+27.79	+17.58	+24.18	+23.07	+29.44	+19.53	+14.43	-38.79	+0.000
D 2330	+23.74	+24.76	+25.28	+26.09	+27.66	+17.23	+24.18	+23.08	+29.45	+19.95	+14.30	-39.59	+0.000
D 2345	+23.73	+24.76	+25.28	+26.11	+27.54	+16.91	+24.18	+23.07	+29.44	+19.82	+14.38	-37.94	+0.000
* 87 267													
D 0015	+23.73	+24.76	+25.28	+26.12	+27.42	+16.71	+24.18	+23.07	+29.45	+19.71	+14.46	-39.48	+0.000
D 0030	+23.73	+24.76	+25.28	+26.12	+27.29	+16.55	+24.18	+23.07	+29.45	+19.54	+14.55	-41.00	+0.000
D 0045	+23.74	+24.77	+25.29	+26.13	+27.15	+16.49	+24.18	+23.07	+29.44	+19.44	+14.65	-42.52	+0.000
D 0100	+23.73	+24.76	+25.29	+26.14	+27.05	+16.45	+24.17	+23.07	+29.44	+19.17	+14.79	-41.64	+0.000
D 0115	+23.74	+24.77	+25.30	+26.14	+26.93	+16.33	+24.18	+23.07	+29.44	+18.62	+15.04	-41.72	+0.000
D 0130	+23.74	+24.76	+25.30	+26.14	+26.80	+16.03	+24.18	+23.07	+29.44	+17.94	+15.36	-40.32	+0.000
D 0145	+23.73	+24.76	+25.30	+26.13	+26.68	+15.59	+24.18	+23.07	+29.44	+17.57	+15.56	-41.17	+0.000
D 0200	+23.73	+24.76	+25.30	+26.13	+26.56	+15.45	+24.18	+23.07	+29.45	+17.78	+15.48	-40.75	+0.000
D 0215	+23.74	+24.77	+25.31	+26.13	+26.44	+15.28	+24.18	+23.08	+29.45	+17.31	+15.66	-39.62	+0.000
D 0230	+23.74	+24.76	+25.31	+26.12	+26.32	+15.01	+24.18	+23.08	+29.45	+16.96	+15.92	-39.75	+0.000
D 0245	+23.73	+24.76	+25.31	+26.10	+26.21	+14.82	+24.18	+23.07	+29.45	+17.44	+15.71	-38.36	+0.000
D 0300	+23.73	+24.76	+25.32	+26.09	+26.10	+14.59	+24.18	+23.07	+29.45	+17.24	+15.74	-38.18	+0.000
D 0315	+23.74	+24.77	+25.32	+26.08	+25.99	+14.28	+24.18	+23.08	+29.45	+16.69	+15.97	-37.63	+0.000
D 0330	+23.73	+24.76	+25.32	+26.06	+25.88	+14.10	+24.17	+23.07	+29.45	+17.03	+15.75	-37.99	+0.000
D 0345	+23.74	+24.76	+25.33	+26.04	+25.77	+13.85	+24.18	+23.07	+29.45	+17.03	+15.77	-37.16	+0.000
D 0400	+23.74	+24.76	+25.33	+26.02	+25.67	+13.65	+24.18	+23.07	+29.45	+17.04	+15.74	-37.09	+0.000
D 0415	+23.73	+24.77	+25.33	+26.00	+25.56	+13.57	+24.18	+23.07	+29.45	+17.01	+15.73	-36.81	+0.000
D 0430	+23.74	+24.77	+25.34	+25.98	+25.46	+13.49	+24.18	+23.07	+29.45	+17.43	+15.52	-39.76	+0.000
D 0445	+23.73	+24.77	+25.34	+25.96	+25.35	+13.67	+24.18	+23.07	+29.45	+17.57	+15.41	-38.83	+0.000
D 0500	+23.74	+24.77	+25.35	+25.94	+25.25	+13.38	+24.17	+23.07	+29.45	+16.91	+15.73	-38.21	+0.000
D 0515	+23.73	+24.76	+25.35	+25.91	+25.15	+13.21	+24.18	+23.07	+29.45	+16.58	+15.85	-40.41	+0.000
D 0530	+23.73	+24.76	+25.35	+25.88	+25.05	+13.14	+24.18	+23.07	+29.45	+16.78	+15.76	-42.74	+0.000
D 0545	+23.73	+24.76	+25.36	+25.87	+24.97	+12.97	+24.18	+23.07	+29.45	+16.32	+15.87	-40.37	+0.000
D 0600	+23.73	+24.76	+25.36	+25.83	+24.85	+12.89	+24.17	+23.07	+29.45	+15.60	+16.33	-38.81	+0.000
D 0615	+23.73	+24.76	+25.36	+25.80	+24.75	+12.58	+24.17	+23.07	+29.44	+15.58	+16.33	-37.37	+0.000
D 0630	+23.73	+24.76	+25.37	+25.77	+24.66	+12.30	+24.18	+23.06	+29.44	+15.35	+16.47	-42.22	+0.000
D 0645	+23.73	+24.76	+25.37	+25.74	+24.57	+12.55	+24.17	+23.07	+29.45	+15.88	+16.14	-38.95	+0.000
D 0705	+23.73	+24.76	+25.37	+25.71	+24.47	+12.07	+24.17	+23.06	+29.45	+14.37	+15.87	-37.65	+0.000
D 0715	+23.73	+24.76	+25.38	+25.68	+24.39	+11.76	+24.18	+23.07	+29.45	+13.70	+17.18	-21.64	+0.000
D 0730	+23.73	+24.76	+25.38	+25.65	+24.30	+12.08	+24.18	+23.07	+29.45	+14.53	+16.84	-08.44	+0.000
D 0745	+23.73	+24.76	+25.38	+25.62	+24.21	+13.10	+24.18	+23.07	+29.46	+15.57	+16.42	-07.29	+0.000
D 0800	+23.73	+24.76	+25.38	+25.58	+24.11	+14.47	+24.18	+23.07	+29.45	+16.92	+15.84	-32.62	+0.000
D 0815	+23.73	+24.76	+25.39	+25.54	+24.03	+16.99	+24.18	+23.07	+29.45	+18.11	+15.29	-073.2	+0.000
D 0830	+23.73	+24.76	+25.39	+25.52	+23.95	+18.00	+24.17	+23.07	+29.44	+18.08	+14.86	-10.86	+0.000
D 0845	+23.74	+24.76	+25.40	+25.49	+23.86	+20.21	+24.17	+23.06	+29.44	+20.00	+14.49	-131.0	+0.000
D 0900	+23.73	+24.76	+25.40	+25.45	+23.79	+22.99	+24.17	+23.07	+29.45	+20.87	+14.19	-169.2	+0.000
D 0915	+23.73	+24.76	+25.40	+25.42	+23.71	+25.05	+24.17	+23.06	+29.44	+20.65	+14.45	-140.2	+0.000
D 0930	+23.73	+24.76	+25.40	+25.38	+23.65	+25.78	+24.18	+23.07	+29.45	+19.69	+14.93	-148.8	+0.000
D 0945	+23.73	+24.76	+25.41	+25.35	+23.60	+26.80	+24.17	+23.06	+29.45	+19.69	+14.86	-148.6	+0.000
D 1000	+23.73	+24.76	+25.41	+25.31	+23.57	+27.57	+24.18	+23.07	+29.45	+19.91	+14.75	-117.3	+0.000
D 1015	+23.73	+24.76	+25.40	+25.28	+23.54	+28.43	+24.17	+23.07	+29.45	+20.76	+14.44	-165.8	+0.000
D 1030	+23.73	+24.75	+25.40	+25.24	+23.53	+29.96	+24.17	+23.06	+29.45	+21.31	+14.20	-193.9	+0.000
D 1045	+23.73	+24.76	+25.40	+25.20	+23.50	+31.00	+24.17	+23.06	+29.45	+22.07	+13.86	-315.5	+0.000
D 1100	+23.73	+24.76	+25.41	+25.17	+23.57	+35.20	+24.17	+23.06	+29.45	+24.93	+13.84	-329.9	+0.000
D 1115	+23.72	+24.75	+25.39	+25.13	+23.60	+38.12	+24.17	+23.06	+29.44	+24.18	+12.83	-329.9	+0.000
D 1130	+23.73	+24.75	+25.40	+25.10	+23.66	+40.81	+24.17	+23.06	+29.44	+24.93	+12.54	-340.9	+0.000

Time	1.75m					1.0m		1.75m		Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC				
D 1145	+23.73	+24.75	+25.40	+25.07	+23.73	+42.90	+24.17	+23.06	+29.45	+25.37	+12.35	-354.4	+0.000
D 1200	+23.73	+24.76	+25.40	+25.04	+23.81	+44.25	+24.18	+23.06	+29.45	+25.66	+12.21	-332.4	+0.000
D 1215	+23.72	+24.75	+25.40	+25.01	+23.91	+44.96	+24.17	+23.06	+29.45	+26.01	+12.08	-304.1	+0.000
D 1230	+23.73	+24.75	+25.40	+24.99	+24.03	+45.81	+24.17	+23.06	+29.45	+26.51	+11.83	-337.6	+0.000
D 1245	+23.73	+24.75	+25.40	+24.96	+24.17	+46.63	+24.17	+23.06	+29.45	+26.99	+11.60	-330.0	+0.000
D 1300	+23.72	+24.75	+25.40	+24.94	+24.32	+46.80	+24.17	+23.06	+29.45	+27.34	+11.43	-306.3	+0.000
D 1315	+23.73	+24.75	+25.40	+24.92	+24.50	+47.24	+24.17	+23.06	+29.45	+28.17	+11.25	-324.3	+0.000
D 1330	+23.72	+24.75	+25.39	+24.91	+24.68	+48.38	+24.16	+23.06	+29.45	+28.74	+10.86	-326.1	+0.000
D 1345	+23.72	+24.75	+25.39	+24.89	+24.87	+47.65	+24.17	+23.06	+29.45	+28.56	+10.87	-247.3	+0.000
D 1400	+23.72	+24.75	+25.38	+24.88	+25.08	+47.16	+24.17	+23.06	+29.45	+28.73	+10.84	-318.6	+0.000
D 1415	+23.72	+24.75	+25.38	+24.87	+25.30	+47.83	+24.16	+23.06	+29.44	+29.03	+10.72	-295.9	+0.000
D 1430	+23.72	+24.74	+25.38	+24.87	+25.53	+47.64	+24.17	+23.06	+29.45	+29.16	+10.70	-313.9	+0.000
D 1445	+23.72	+24.74	+25.37	+24.88	+25.75	+48.26	+24.17	+23.06	+29.45	+29.58	+10.54	-250.9	+0.000
D 1500	+23.72	+24.74	+25.37	+24.88	+25.98	+48.15	+24.16	+23.05	+29.44	+29.77	+10.47	-264.9	+0.000
D 1515	+23.73	+24.75	+25.37	+24.89	+26.21	+48.10	+24.17	+23.05	+29.45	+29.89	+10.43	-237.5	+0.000
D 1530	+23.72	+24.75	+25.37	+24.91	+26.44	+46.99	+24.17	+23.06	+29.45	+29.93	+10.40	-221.0	+0.000
D 1545	+23.72	+24.75	+25.36	+24.92	+26.67	+45.90	+24.17	+23.05	+29.45	+29.81	+10.43	-245.1	+0.000
D 1600	+23.73	+24.75	+25.36	+24.95	+26.88	+45.17	+24.17	+23.05	+29.44	+29.54	+10.55	-225.4	+0.000
D 1615	+23.73	+24.75	+25.35	+24.97	+27.09	+43.99	+24.17	+23.05	+29.44	+28.78	+10.84	-186.5	+0.000
D 1630	+23.72	+24.75	+25.35	+25.00	+27.30	+40.88	+24.17	+23.06	+29.45	+26.75	+11.58	-084.0	+0.000
D 1645	+23.72	+24.75	+25.34	+25.03	+27.48	+37.76	+24.17	+23.06	+29.45	+25.81	+11.92	-086.2	+0.000
D 1700	+23.72	+24.74	+25.33	+25.06	+27.66	+35.68	+24.17	+23.06	+29.45	+26.87	+11.53	-072.0	+0.000
D 1715	+23.72	+24.74	+25.33	+25.10	+27.83	+33.97	+24.16	+23.05	+29.44	+26.27	+11.71	-52.98	+0.000
D 1730	+23.72	+24.75	+25.33	+25.14	+27.98	+32.31	+24.17	+23.06	+29.45	+24.52	+12.32	-36.54	+0.000
D 1745	+23.72	+24.74	+25.31	+25.18	+28.11	+31.17	+24.16	+23.05	+29.44	+24.22	+12.93	-29.03	+0.000
D 1800	+23.72	+24.75	+25.32	+25.22	+28.22	+29.75	+24.17	+23.05	+29.45	+23.71	+12.61	-4.980	+0.000
D 1815	+23.73	+24.75	+25.32	+25.27	+28.31	+28.56	+24.17	+23.06	+29.46	+23.36	+12.75	-09.89	+0.000
D 1830	+23.72	+24.75	+25.31	+25.32	+28.37	+27.51	+24.17	+23.06	+29.45	+23.01	+12.91		

Time	1.75m			1.0m			.5m			.25m			.125m			Surf.			1.0m PVC	1.75m PVC	1.75m PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil								
D 0130	23.73	24.76	25.29	25.99	26.28	15.00	24.17	23.05	29.45	18.18	14.89	-36.44	+0.000												
D 0145	23.72	24.75	25.29	25.97	26.16	14.79	24.17	23.05	29.45	18.17	14.96	-36.19	+0.000												
D 0200	23.72	24.75	25.30	25.96	25.95	14.37	24.17	23.06	29.45	18.08	15.00	-37.20	+0.000												
D 0215	23.72	24.75	25.30	25.94	25.83	14.29	24.17	23.06	29.45	17.52	15.13	-37.59	+0.000												
D 0230	23.72	24.75	25.30	25.94	25.83	14.29	24.17	23.06	29.46	17.52	15.20	-38.60	+0.000												
D 0245	23.72	24.75	25.31	25.93	25.73	13.94	24.16	23.05	29.45	16.87	15.45	-38.87	+0.000												
D 0300	23.72	24.75	25.31	25.92	25.63	13.56	24.16	23.06	29.45	15.58	15.96	-38.88	+0.000												
D 0315	23.72	24.75	25.31	25.92	25.51	13.15	24.16	23.06	29.45	15.01	16.20	-38.58	+0.000												
D 0330	23.72	24.75	25.31	25.88	25.40	12.74	24.17	23.06	29.46	15.11	16.14	-38.74	+0.000												
D 0345	23.72	24.75	25.32	25.85	25.29	12.38	24.17	23.06	29.45	15.21	16.10	-38.18	+0.000												
D 0400	23.72	24.75	25.32	25.83	25.19	12.12	24.17	23.06	29.45	14.98	16.19	-38.03	+0.000												
D 0415	23.72	24.75	25.32	25.81	25.09	11.96	24.16	23.06	29.46	15.28	16.10	-38.53	+0.000												
D 0430	23.72	24.75	25.32	25.79	24.89	11.82	24.16	23.06	29.46	15.38	16.15	-38.49	+0.000												
D 0445	23.72	24.75	25.33	25.76	24.88	11.69	24.17	23.06	29.46	15.26	16.22	-38.23	+0.000												
D 0500	23.72	24.75	25.33	25.74	24.77	11.47	24.17	23.05	29.46	15.09	16.26	-37.09	+0.000												
D 0515	23.72	24.75	25.33	25.71	24.67	11.21	24.17	23.06	29.46	14.92	16.31	-36.68	+0.000												
D 0530	23.72	24.75	25.34	25.66	24.47	10.91	24.17	23.06	29.46	14.84	16.35	-35.40	+0.000												
D 0545	23.72	24.75	25.34	25.66	24.47	10.66	24.17	23.06	29.46	14.76	16.57	-36.56	+0.000												
D 0600	23.72	24.75	25.34	25.63	24.37	10.45	24.17	23.06	29.46	13.51	17.04	-37.48	+0.000												
D 0615	23.72	24.75	25.35	25.60	24.27	10.38	24.17	23.06	29.46	13.59	17.05	-38.18	+0.000												
D 0630	23.72	24.75	25.35	25.57	24.16	10.16	24.17	23.06	29.45	13.51	17.10	-35.19	+0.000												
D 0645	23.72	24.75	25.35	25.54	24.06	09.95	24.17	23.06	29.46	13.73	16.95	-33.74	+0.000												
D 0700	23.72	24.75	25.35	25.50	23.96	09.92	24.17	23.06	29.47	13.66	17.02	-32.74	+0.000												
D 0715	23.72	24.75	25.35	25.47	23.86	09.90	24.17	23.06	29.47	13.10	17.40	-28.68	+0.000												
D 0730	23.72	24.75	25.35	25.44	23.77	10.18	24.17	23.06	29.47	13.75	17.17	-19.70	+0.000												
D 0745	23.72	24.75	25.36	25.41	23.67	11.38	24.17	23.06	29.47	14.84	16.75	-5.609	+0.000												
D 0800	23.72	24.75	25.36	25.37	23.57	13.00	24.17	23.06	29.47	15.99	16.32	-34.40	+0.000												
D 0815	23.72	24.75	25.36	25.33	23.47	14.59	24.16	23.06	29.47	16.09	16.30	-57.32	+0.000												
D 0830	23.72	24.75	25.36	25.30	23.37	16.11	24.17	23.06	29.47	17.74	15.58	-080.4	+0.000												
D 0845	23.72	24.74	25.37	25.26	23.28	18.26	24.16	23.05	29.47	17.83	15.52	-112.1	+0.000												
D 0900	23.72	24.75	25.37	25.22	23.20	20.74	24.16	23.05	29.47	18.62	15.18	-143.0	+0.000												
D 0915	23.72	24.75	25.37	25.18	23.12	22.77	24.17	23.06	29.47	17.94	15.54	-173.5	+0.000												
D 0930	23.72	24.75	25.37	25.11	22.99	24.66	24.16	23.05	29.46	18.16	16.40	-197.5	+0.000												
D 0945	23.72	24.75	25.37	25.11	22.99	26.81	24.16	23.05	29.46	19.19	15.00	-217.1	+0.000												
D 1000	23.72	24.75	25.37	25.07	22.95	29.01	24.16	23.05	29.46	19.93	14.76	-241.1	+0.000												
D 1015	23.72	24.74	25.37	25.03	22.92	31.15	24.16	23.05	29.46	20.66	14.46	-263.8	+0.000												
D 1030	23.72	24.74	25.37	24.99	22.91	33.63	24.16	23.05	29.45	21.76	13.99	-282.8	+0.000												
D 1045	23.72	24.74	25.36	24.93	22.93	35.93	24.16	23.05	29.46	22.18	13.70	-303.0	+0.000												
D 1100	23.72	24.74	25.36	24.91	22.94	38.49	24.16	23.05	29.45	23.23	13.33	-317.3	+0.000												
D 1115	23.72	24.74	25.37	24.88	22.99	40.66	24.15	23.04	29.44	23.53	13.18	-332.7	+0.000												
D 1130	23.72	24.74	25.37	24.84	23.06	42.63	24.16	23.05	29.46	24.10	12.93	-352.4	+0.000												
D 1145	23.72	24.74	25.36	24.80	23.15	43.59	24.16	23.05	29.46	24.10	12.95	-373.1	+0.000												
D 1200	23.72	24.75	25.37	24.78	23.20	44.59	24.16	23.05	29.45	24.13	12.42	-356.2	+0.000												
D 1215	23.72	24.74	25.36	24.74	23.26	45.34	24.15	23.04	29.45	24.61	12.71	-379.4	+0.000												
D 1230	23.72	24.74	25.35	24.71	23.33	46.33	24.15	23.04	29.45	24.94	12.58	-380.9	+0.000												
D 1245	23.72	24.74	25.35	24.69	23.70	47.17	24.16	23.05	29.46	25.49	12.39	-384.5	+0.000												
D 1300	23.72	24.74	25.35	24.67	23.89	47.89	24.16	23.04	29.45	25.45	12.10	-383.3	+0.000												
D 1315	23.72	24.74	25.34	24.64	24.09	49.02	24.16	23.04	29.45	26.56	11.86	-381.0	+0.000												
D 1330	23.72	24.74	25.34	24.63	24.31	50.14	24.16	23.05	29.46	26.96	11.69	-373.4	+0.000												
D 1345	23.72	24.74	25.34	24.62	24.53	50.23	24.16	23.05	29.46	26.88	11.72	-363.2	+0.000												
D 1400	23.72	24.74	25.33	24.61	24.76	50.67	24.15	23.05	29.46	27.68	11.39	-347.4	+0.000												
D 1415	23.71	24.73	25.32	24.60	25.01	51.41	24.16	23.05	29.46	28.20	11.12	-343.1	+0.000												
D 1430	23.71	24.73	25.32	24.60	25.23	51.40	24.15	23.04	29.45	28.70	10.99	-334.6	+0.000												
D 1445	23.71	24.73	25.32	24.60	25.45	51.10	24.15	23.04	29.45	28.70	11.00	-311.0	+0.000												
D 1500	23.72	24.74	25.32	24.62	25.77	51.27	24.16	23.05	29.46	28.97	10.90	-290.7	+0.000												
D 1515	23.72	24.74	25.31	24.63	26.02	51.27	24.15	23.04	29.46	28.95	10.85	-278.8	+0.000												

Time	1.75m			1.0m			.75m			1.0m PVC	1.75m PVC	1.75m PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
D 1530	23.71	24.73	25.31	24.64	26.28	50.76	24.15	23.04	29.46	29.51	10.64	-367.9	+0.000			
D 1545	23.72	24.74	25.30	24.67	26.54	49.66	24.15	23.04	29.46	29.49	10.61	-352.0	+0.000			
D 1600	23.72	24.73	25.29	24.72	27.03	47.57	24.15	23.04	29.45	29.69	10.53	-313.3	+0.000			
D 1630	23.71	24.73	25.28	24.75	27.27	46.16	24.15	23.04	29.45	29.27	10.68	-193.2	+0.000			
D 1645	23.72	24.73	25.28	24.79	27.50	44.47	24.15	23.04	29.45	28.93	10.80	-177.9	+0.000			
D 1700	23.71	24.73	25.27	24.83	27.71	43.16	24.15	23.04	29.45	28.51	10.99	-154.9	+0.000			
D 1715	23.72	24.74	25.26	24.88	28.11	41.44	24.15	23.03	29.45	27.81	11.32	-124.4	+0.000			
D 1730	23.72	24.73	25.26	24.92	28.11	39.50	24.15	23.04	29.45	27.33	11.50	-108.5	+0.000			
D 1745	23.72	24.73	25.25	24.97	28.29	37.64	24.15	23.04	29.46	26.67	11.82	-56.71	+0.000			
D 1800	23.72	24.73	25.25	25.02	28.45	35.74	24.15	23.04	29.46	25.80	12.17	-40.03	+0.000			
D 1815	23.72	24.73	25.24	25.08	28.59	33.77	24.15	23.05	29.46	25.13	12.42	-15.62	+0.000			
D 1830	23.72	24.73	25.23	25.13	28.71	31.90	24.15	23.04	29.46	24.39	12.76	-10.98	+0.000			
D 1845	23.71	24.74	25.23	25.18	28.81	29.95	24.15	23.04	29.46	23.11	13.27	-40.75	+0.000			
D 1900	23.72	24.73	25.22	25.24	28.89	28.12	24.16	23.04	29.46	21.96	13.79	-51.03	+0.000			
D 1915	23.72	24.73	25.22	25.30	28.95	26.53	24.15	23.04	29.46	21.19	14.17	-52.96	+0.000			
D 1930	23.71	24.73	25.21	25.36	28.98	25.22	24.15	23.05	29.46	20.63	14.49	-53.06	+0.000			
D 1945	23.72	24.74	25.21	25.42	28.99	23.12	24.16	23.05	29.47	19.57	15.05	-50.04	+0.000			
D 2000	23.72	24.74	25.21	25.48	28.99	21.32	24.16	23.04	29.45	18.96	15.42	-49.06	+0.000			
D 2015	23.71	24.74	25.21	25.54	28.97	22.15	24.15	23.04	29.45	18.96	15.42	-49.06	+0.000			
D 2030	23.71	24.73	25.19	25.58	28.92	21.32	24.15	23.04	29.46	18.61	15.69	-48.10	+0.000			
D 2045	23.72	24.73	25.20	25.64	28.86	20.53	24.15	23.04	29.46	17.94	16.23	-47.71	+0.000			
D 2100	23.72	24.73	25.20	25.69	28.79	19.84	24.15	23.04	29.46	17.57	16.79	-47.77	+0.000			
D 2115	23.72	24.73	25.19	25.73	28.70	19.18	24.15	23.04	29.46	17.10	17.29	-47.84	+0.000			
D 2130	23.72	24.74	25.19	25.78	28.61	18.48	24.15	23.05	29.46	16.88	17.74	-47.31	+0.000			
D 2145	23.72	24.74	25.19	25.83	28.51	17.73	24.15	23.04	29.							

Time	1.75m		1.0m		.5m		.25m		.125m		Surf. Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil										
D 0515	+23.72	+24.73	+25.28	+25.77	+24.64	+10.05	+24.15	+23.05	+29.46	+10.86	+32.66	+36.49	+0.000					
D 0530	+23.72	+24.73	+25.28	+25.74	+24.53	+09.83	+24.15	+23.04	+29.46	+10.62	+33.86	+36.29	+0.000					
D 0545	+23.72	+24.73	+25.29	+25.71	+24.42	+09.61	+24.15	+23.05	+29.46	+10.53	+34.43	+36.17	+0.000					
D 0600	+23.73	+24.74	+25.29	+25.68	+24.32	+09.35	+24.15	+23.05	+29.46	+10.27	+35.00	+34.50	+0.000					
D 0615	+23.72	+24.74	+25.29	+25.65	+24.20	+09.13	+24.15	+23.04	+29.46	+09.87	+36.72	+34.83	+0.000					
D 0630	+23.73	+24.74	+25.30	+25.61	+24.09	+09.10	+24.15	+23.04	+29.46	+10.09	+36.76	+35.80	+0.000					
D 0645	+23.73	+24.73	+25.30	+25.58	+23.99	+08.84	+24.15	+23.04	+29.46	+09.65	+37.09	+35.63	+0.000					
D 0700	+23.72	+24.73	+25.30	+25.54	+23.88	+08.55	+24.15	+23.04	+29.46	+09.92	+37.58	+34.28	+0.000					
D 0715	+23.73	+24.73	+25.30	+25.51	+23.77	+08.71	+24.16	+23.05	+29.47	+10.84	+35.55	+28.22	+0.000					
D 0730	+23.73	+24.73	+25.31	+25.47	+23.67	+08.99	+24.15	+23.04	+29.46	+11.45	+34.72	+18.52	+0.000					
D 0745	+23.72	+24.73	+25.31	+25.47	+23.56	+09.04	+24.15	+23.05	+29.47	+12.33	+33.37	+4.599	+0.000					
D 0800	+23.73	+24.74	+25.32	+25.40	+23.46	+11.34	+24.15	+23.04	+29.47	+13.08	+31.75	+20.75	+0.000					
D 0815	+23.72	+24.73	+25.32	+25.35	+23.35	+12.65	+24.15	+23.05	+29.47	+13.67	+30.56	+48.24	+0.000					
D 0830	+23.72	+24.73	+25.32	+25.31	+23.25	+14.00	+24.15	+23.04	+29.46	+14.27	+29.44	+075.1	+0.000					
D 0845	+23.72	+24.73	+25.32	+25.27	+23.15	+15.84	+24.15	+23.04	+29.46	+14.53	+28.84	+111.7	+0.000					
D 0900	+23.72	+24.72	+25.32	+25.22	+23.05	+17.94	+24.15	+23.04	+29.46	+15.18	+27.80	+133.7	+0.000					
D 0915	+23.72	+24.72	+25.32	+25.19	+22.97	+20.24	+24.14	+23.04	+29.44	+15.83	+26.47	+158.9	+0.000					
D 0930	+23.72	+24.72	+25.32	+25.15	+22.90	+22.59	+24.14	+23.04	+29.44	+16.46	+25.29	+189.7	+0.000					
D 0945	+23.72	+24.73	+25.33	+25.11	+22.83	+24.78	+24.14	+23.04	+29.43	+17.19	+24.40	+212.5	+0.000					
D 1000	+23.72	+24.72	+25.33	+25.06	+22.77	+26.87	+24.14	+23.04	+29.42	+17.38	+23.92	+236.6	+0.000					
D 1015	+23.72	+24.72	+25.33	+24.96	+22.75	+29.00	+24.14	+23.04	+29.42	+18.05	+23.81	+255.4	+0.000					
D 1030	+23.72	+24.73	+25.33	+24.99	+22.72	+31.45	+24.14	+23.04	+29.42	+18.90	+23.53	+277.3	+0.000					
D 1045	+23.72	+24.72	+25.33	+24.94	+22.70	+33.56	+24.14	+23.04	+29.42	+19.22	+20.91	+309.0	+0.000					
D 1100	+23.72	+24.72	+25.33	+24.90	+22.72	+35.07	+24.14	+23.03	+29.42	+19.36	+20.27	+320.1	+0.000					
D 1115	+23.72	+24.72	+25.33	+24.86	+22.75	+37.24	+24.14	+23.03	+29.42	+20.26	+19.50	+334.9	+0.000					
D 1130	+23.71	+24.72	+25.32	+24.82	+22.80	+39.81	+24.14	+23.03	+29.42	+20.39	+18.83	+349.3	+0.000					
D 1145	+23.71	+24.72	+25.32	+24.78	+22.87	+40.56	+24.14	+23.04	+29.43	+21.15	+17.87	+365.7	+0.000					
D 1200	+23.71	+24.72	+25.32	+24.74	+22.96	+41.75	+24.13	+23.03	+29.43	+21.26	+17.48	+369.4	+0.000					
D 1215	+23.72	+24.72	+25.32	+24.71	+23.08	+43.53	+24.14	+23.03	+29.43	+21.93	+16.63	+368.2	+0.000					
D 1230	+23.72	+24.72	+25.32	+24.68	+23.21	+45.59	+24.14	+23.04	+29.44	+22.03	+16.21	+379.8	+0.000					
D 1245	+23.71	+24.71	+25.31	+24.64	+23.36	+45.10	+24.14	+23.04	+29.44	+22.99	+15.28	+364.1	+0.000					
D 1300	+23.71	+24.71	+25.31	+24.61	+23.53	+45.88	+24.13	+23.03	+29.44	+22.41	+15.10	+381.5	+0.000					
D 1315	+23.72	+24.72	+25.31	+24.60	+23.72	+46.41	+24.14	+23.03	+29.44	+22.46	+14.94	+379.5	+0.000					
D 1330	+23.71	+24.71	+25.31	+24.57	+23.91	+46.72	+24.14	+23.03	+29.44	+22.91	+14.35	+368.7	+0.000					
D 1345	+23.72	+24.72	+25.31	+24.54	+24.13	+47.28	+24.13	+23.03	+29.44	+23.39	+14.12	+350.0	+0.000					
D 1400	+23.71	+24.71	+25.30	+24.54	+24.34	+48.44	+24.14	+23.04	+29.44	+24.02	+13.54	+349.3	+0.000					
D 1415	+23.71	+24.71	+25.29	+24.53	+24.57	+48.26	+24.14	+23.03	+29.44	+24.05	+13.41	+333.1	+0.000					
D 1430	+23.71	+24.71	+25.29	+24.53	+24.81	+48.47	+24.13	+23.03	+29.44	+24.29	+13.15	+318.4	+0.000					
D 1445	+23.71	+24.71	+25.28	+24.52	+25.05	+47.93	+24.14	+23.04	+29.45	+24.47	+12.93	+307.1	+0.000					
D 1500	+23.72	+24.72	+25.28	+24.53	+25.30	+47.30	+24.13	+23.03	+29.44	+24.53	+12.78	+297.2	+0.000					
D 1515	+23.72	+24.71	+25.28	+24.53	+25.55	+47.04	+24.13	+23.03	+29.44	+24.88	+12.51	+276.7	+0.000					
D 1530	+23.71	+24.71	+25.27	+24.54	+25.79	+46.13	+24.13	+23.03	+29.44	+24.99	+12.28	+264.1	+0.000					
D 1545	+23.71	+24.71	+25.27	+24.56	+26.03	+45.08	+24.13	+23.03	+29.45	+25.26	+12.05	+247.2	+0.000					
D 1600	+23.71	+24.71	+25.26	+24.58	+26.27	+43.97	+24.13	+23.03	+29.44	+25.40	+12.00	+231.5	+0.000					
D 1615	+23.71	+24.71	+25.25	+24.60	+26.50	+42.83	+24.13	+23.03	+29.44	+25.53	+11.96	+205.0	+0.000					
D 1630	+23.71	+24.71	+25.25	+24.63	+26.73	+41.72	+24.13	+23.03	+29.44	+25.71	+11.93	+181.4	+0.000					
D 1645	+23.71	+24.71	+25.24	+24.66	+26.95	+40.27	+24.13	+23.03	+29.44	+25.41	+12.05	+171.9	+0.000					
D 1700	+23.71	+24.71	+25.24	+24.70	+27.16	+39.07	+24.13	+23.03	+29.44	+25.16	+12.21	+138.7	+0.000					
D 1715	+23.71	+24.71	+25.23	+24.74	+27.35	+37.68	+24.13	+23.03	+29.44	+25.07	+12.20	+109.3	+0.000					
D 1730	+23.71	+24.71	+25.22	+24.78	+27.52	+36.29	+24.13	+23.03	+29.44	+24.97	+12.28	+89.4	+0.000					
D 1745	+23.71	+24.71	+25.22	+24.82	+27.69	+34.71	+24.13	+23.03	+29.44	+24.41	+12.47	+66.61	+0.000					
D 1800	+23.71	+24.71	+25.21	+24.87	+27.82	+32.65	+24.13	+23.03	+29.44	+24.11	+12.78	+41.4	+0.000					
D 1815	+23.71	+24.71	+25.21	+24.91	+27.95	+30.69	+24.13	+23.03	+29.44	+23.84	+12.98	+07.71	+0.000					
D 1830	+23.71	+24.71	+25.20	+24.97	+28.06	+28.93	+24.13	+23.03	+29.45	+22.21	+13.21	+31.97	+0.000					
D 1845	+23.71	+24.71	+25.20	+25.01	+28.15	+27.01	+24.13	+23.03	+29.45	+21.10	+13.61	+52.16	+0.000					
D 1900	+23.71	+24.71	+25.19	+25.07	+28.33	+25.15	+24.13	+23.03	+29.45	+20.09	+13.97	+57.67	+0.000					

Time	1.75m		1.0m		.5m		.25m		.125m		Surf. Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil										
D 1915	+23.72	+24.72	+25.19	+25.12	+28.28	+23.47	+24.13	+23.03	+29.45	+19.52	+14.12	+58.14	+0.000					
D 1930	+23.71	+24.71	+25.18	+25.17	+28.30	+22.11	+24.13	+23.03	+29.44	+19.09	+14.34	+57.16	+0.000					
D 1945	+23.71	+24.71	+25.17	+25.22	+28.31	+21.03	+24.13	+23.03	+29.44	+18.77	+14.49	+57.13	+0.000					
D 2000	+23.72	+24.72	+25.17	+25.28	+28.30	+20.17	+24.13	+23.03	+29.44	+18.50	+14.58	+58.79	+0.000					
D 2015	+23.72	+24.72	+25.17	+25.38	+28.30	+19.17	+24.13	+23.03	+29.44	+18.50	+14.58	+58.79	+0.000					
D 2030	+23.72	+24.72	+25.16	+25.37	+28.21	+18.50	+24.13	+23.03	+29.45	+17.71	+14.84	+58.74	+0.000					
D 2045	+23.71	+24.71	+25.16	+25.41	+28.13	+17.77	+24.14	+23.04	+29.45	+17.10	+15.05	+58.68	+0.000					
D 2100	+23.71	+24.71	+25.15	+25.46	+28.05	+17.22	+24.13	+23.03	+29.45	+17.29	+15.02	+55.86	+0.000					
D 2115	+23.72	+24.72	+25.15	+25.51	+27.96	+16.79	+24.13	+23.03	+29.45	+17.43	+15.00	+53.78	+0.000					
D 2130	+23.72	+24.72	+25.15	+25.54	+27.95	+16.34	+24.14	+23.04	+29.45	+17.35	+15.02	+55.06	+0.000					
D 2145	+23.72	+24.72	+25.15	+25.58	+27.73	+15.99	+24.14	+23.04	+29.46	+17.16	+15.11	+53.61	+0.000					
D 2200	+23.72	+24.72	+25.15	+25.61	+27.61	+15.30	+24.13	+23.03	+29.44	+16.06	+15.52	+49.40	+0.000					
D 2215	+23.72	+24.72	+25.14	+25.64	+27.47	+14.54	+24.13	+23.03	+29.44	+15.53	+15.75	+46.09	+0.000					
D 2230	+23.72	+24.71	+25.14	+25.66	+27.34	+13.95	+24.14	+23.04	+29.45	+15.41	+15.78	+45.30	+0.000					
D 2245	+23.72	+24.71	+25.14	+25.68	+27.19	+13.56	+24.13	+23.03	+29.45	+15.43	+15.78	+45.57	+0.000					
D 2300	+23.72	+24.72	+25.14	+25.73	+27.05	+12.95	+24.13	+23.03	+29.45	+15.61	+15.71	+45.15	+0.000					
D 2315	+23.71	+24.71	+25.14	+25.72	+26.91	+12.92	+24.14	+23.04	+29.45	+15.48	+15.76	+44.34	+0.000					
D 2330	+23.71	+24.71	+25.13	+25.73	+26.76	+12.46	+24.14	+23.04	+29.45	+15.38	+15.80	+42.56	+0.000					
D 2345	+23.72	+24.72	+25.14	+25.75	+26.62	+12.20	+24.13	+23.03	+29.45	+15.28	+15.86	+42.32	+0.000					
D 0000	+23.72	+24.71	+25.14	+25.75	+26.47	+11.90	+24.14	+23.04	+29.45	+15.07	+15.94	+42.32	+0.000					
D 0015	+23.72	+24.71	+25.14	+25.75	+26.32	+11.60	+24.14	+23.04	+29.45	+14.67	+16.11	+42.46	+0.000					
D 0030	+23.72	+24.71	+25.14	+25.75	+26.17	+11.58	+24.13	+23.03	+29.44	+14.41	+16.23	+43.46	+0.000					
D 0045	+23.72	+24.71	+25.14	+25.74	+26.03	+11.41	+24.14	+23.04	+29.45	+13.97	+16.40	+43.67	+0.000					
D 0100	+23.72	+24.72	+25.15	+25.75	+25.88	+10.98	+24.14	+23.04	+29.45	+13.57	+16.55	+42.82	+0.000					
D 0115	+23.72	+24.72	+25.15	+25.74	+25.74	+10.63	+24.14	+23.03	+29.45	+13.77	+16.53	+42.3						



	1.0m 1.75m 1.75m										Rel.	Net	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	Air	Hum.	Rad.	
Time	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m				
D 0900	23.72	24.71	25.21	24.72	21.96	16.70	24.13	23.03	29.16	14.06	17.10	138.6	+0.000
D 0915	23.72	24.70	25.21	24.66	21.87	18.91	24.13	23.03	29.14	14.65	16.85	166.6	+0.000
D 0930	23.72	24.70	25.20	24.62	21.79	21.09	24.13	23.03	29.13	15.16	16.63	192.8	+0.000
D 0945	23.72	24.70	25.20	24.58	21.72	23.19	24.13	23.03	29.13	15.64	16.39	217.2	+0.000
D 1000	23.72	24.70	25.20	24.54	21.65	25.29	24.13	23.03	29.13	16.13	16.15	242.7	+0.000
D 1015	23.72	24.70	25.20	24.49	21.64	27.47	24.13	23.03	29.11	16.62	16.15	267.2	+0.000
D 1030	23.72	24.70	25.21	24.44	21.62	29.53	24.13	23.03	29.11	17.11	16.00	291.6	+0.000
D 1045	23.72	24.69	25.20	24.39	21.61	31.30	24.13	23.02	29.11	17.65	15.35	308.3	+0.000
D 1100	23.72	24.70	25.19	24.35	21.62	33.74	24.13	23.03	29.11	18.15	15.11	328.5	+0.000
D 1115	23.72	24.70	25.19	24.30	21.62	35.74	24.13	23.03	29.11	18.65	14.90	344.1	+0.000
D 1130	23.72	24.70	25.20	24.27	21.73	36.42	24.13	23.02	29.14	19.08	14.70	364.4	+0.000
D 1145	23.72	24.70	25.19	24.22	21.80	38.15	24.13	23.02	29.16	19.86	14.38	368.3	+0.000
D 1200	23.72	24.70	25.18	24.18	21.90	39.53	24.13	23.02	29.18	19.94	14.29	381.6	+0.000
D 1215	23.72	24.70	25.18	24.14	22.02	41.28	24.13	23.02	29.20	20.64	14.02	373.5	+0.000
D 1230	23.72	24.69	25.17	24.10	22.15	43.23	24.13	23.02	29.23	21.74	13.74	372.1	+0.000
D 1245	23.72	24.69	25.17	24.07	22.31	43.38	24.13	23.02	29.25	21.55	13.63	372.1	+0.000
D 1300	23.72	24.69	25.16	24.04	22.48	44.08	24.13	23.02	29.27	21.73	13.57	377.5	+0.000
D 1315	23.72	24.69	25.16	24.02	22.67	45.12	24.13	23.02	29.30	21.99	13.45	369.6	+0.000
D 1330	23.72	24.69	25.16	24.00	22.87	46.02	24.13	23.02	29.32	22.24	13.32	356.8	+0.000
D 1345	23.72	24.69	25.15	23.97	23.08	46.51	24.13	23.03	29.34	22.53	13.21	355.9	+0.000
D 1400	23.72	24.68	25.14	23.95	23.30	46.86	24.13	23.03	29.36	22.82	13.09	344.4	+0.000
D 1415	23.72	24.68	25.13	23.94	23.53	46.86	24.13	23.02	29.35	22.97	13.01	333.1	+0.000
D 1430	23.72	24.69	25.13	23.94	23.78	46.99	24.13	23.02	29.36	23.33	12.83	317.7	+0.000
D 1445	23.72	24.69	25.12	23.94	24.03	47.12	24.13	23.02	29.37	23.63	12.70	300.0	+0.000
D 1500	23.70	24.68	25.11	23.93	24.27	46.78	24.13	23.02	29.37	24.12	12.53	288.4	+0.000
D 1515	23.72	24.69	25.11	23.94	24.52	46.72	24.13	23.02	29.39	24.57	12.35	276.6	+0.000
D 1530	23.72	24.68	25.10	23.95	24.78	46.50	24.13	23.02	29.38	25.00	12.21	265.5	+0.000
D 1545	23.70	24.68	25.09	23.96	25.03	45.56	24.13	23.02	29.38	24.84	12.24	239.4	+0.000
D 1600	23.70	24.68	25.08	23.98	25.27	44.40	24.13	23.02	29.39	25.00	12.17	218.1	+0.000
D 1615	23.72	24.69	25.08	24.01	25.52	43.36	24.13	23.02	29.39	25.01	12.15	197.8	+0.000
D 1630	23.72	24.69	25.08	24.01	25.76	42.36	24.13	23.02	29.39	25.01	12.15	177.1	+0.000
D 1645	23.72	24.68	25.07	24.06	25.99	41.06	24.13	23.03	29.40	24.75	12.24	167.1	+0.000
D 1700	23.72	24.69	25.06	24.09	26.21	39.45	24.13	23.02	29.40	24.55	12.31	138.4	+0.000
D 1715	23.72	24.68	25.05	24.13	26.42	37.85	24.13	23.02	29.40	24.54	12.31	117.1	+0.000
D 1730	23.72	24.69	25.05	24.12	26.64	36.10	24.13	23.02	29.40	24.40	12.37	90.8	+0.000
D 1745	23.70	24.68	25.03	24.21	26.91	34.50	24.13	23.02	29.40	24.26	12.42	37.8	+0.000
D 1800	23.72	24.68	25.02	24.26	26.96	32.81	24.13	23.02	29.40	24.13	12.48	07.11	+0.000
D 1815	23.72	24.68	25.02	24.30	27.10	30.97	24.13	23.02	29.40	23.51	12.72	-6.152	+0.000
D 1830	23.72	24.68	25.00	24.35	27.23	29.08	24.13	23.02	29.41	22.68	13.04	-28.80	+0.000
D 1845	23.72	24.69	25.00	24.41	27.34	27.16	24.13	23.02	29.41	21.43	13.49	-50.48	+0.000
D 1900	23.72	24.68	24.99	24.46	27.43	25.34	24.13	23.02	29.41	20.17	13.95	-54.64	+0.000
D 1915	23.72	24.68	24.98	24.51	27.49	23.72	24.13	23.02	29.41	19.42	14.22	-53.74	+0.000
D 1930	23.72	24.68	24.98	24.56	27.54	22.36	24.13	23.02	29.40	18.96	14.44	-52.69	+0.000
D 1945	23.72	24.68	24.97	24.62	27.56	21.13	24.10	23.01	29.39	18.30	14.68	-54.07	+0.000
D 2000	23.72	24.69	24.97	24.67	27.57	19.95	24.11	23.02	29.40	17.61	14.92	-53.14	+0.000
D 2015	23.72	24.69	24.96	24.72	27.55	18.95	24.11	23.02	29.40	16.96	15.16	-49.62	+0.000
D 2030	23.72	24.68	24.95	24.77	27.51	18.11	24.11	23.02	29.41	17.17	15.04	-47.08	+0.000
D 2045	23.72	24.68	24.94	24.82	27.45	17.45	24.11	23.02	29.41	17.54	14.93	-46.84	+0.000
D 2100	23.72	24.69	24.94	24.87	27.38	16.81	24.11	23.02	29.40	17.43	15.00	-45.32	+0.000
D 2115	23.72	24.69	24.93	24.91	27.29	16.16	24.11	23.02	29.41	17.39	15.07	-43.79	+0.000
D 2130	23.72	24.69	24.93	24.96	27.20	16.05	24.11	23.02	29.41	17.39	15.07	-42.26	+0.000
D 2145	23.72	24.69	24.93	25.00	27.09	15.79	24.11	23.02	29.40	17.16	15.09	-45.81	+0.000
D 2200	23.72	24.69	24.93	25.03	26.97	15.48	24.12	23.02	29.41	16.86	15.20	-46.30	+0.000
D 2215	23.72	24.68	24.92	25.06	26.84	15.09	24.11	23.02	29.41	16.84	15.21	-46.65	+0.000
D 2230	23.72	24.68	24.91	25.09	26.71	14.90	24.11	23.02	29.41	16.85	15.24	-48.89	+0.000
D 2245	23.72	24.68	24.92	25.12	26.58	14.70	24.11	23.02	29.41	16.64	15.34	-47.35	+0.000

	1.0m 1.75m 1.75m										Rel.	Net	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	Air	Hum.	Rad.	
Time	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m				
D 2300	23.72	24.68	24.91	25.14	26.44	14.37	24.11	23.02	29.41	16.36	15.44	-46.44	+0.000
D 2315	23.72	24.68	24.91	25.16	26.31	13.95	24.11	23.03	29.42	16.00	15.87	-44.69	+0.000
D 2330	23.72	24.68	24.90	25.17	26.17	13.63	24.11	23.03	29.41	15.98	15.58	-45.37	+0.000
D 2345	23.72	24.68	24.91	25.19	26.03	13.37	24.11	23.03	29.41	15.99	15.67	-44.84	+0.000
D 0000	23.72	24.68	24.91	25.20	25.90	13.22	24.11	23.02	29.41	15.81	15.64	-44.78	+0.000
D 0015	23.72	24.68	24.91	25.20	25.75	13.04	24.11	23.03	29.42	15.43	15.78	-44.62	+0.000
D 0030	23.72	24.68	24.91	25.21	25.62	12.61	24.11	23.02	29.41	15.09	15.95	-41.84	+0.000
D 0045	23.72	24.68	24.91	25.21	25.49	11.91	24.11	23.03	29.41	14.82	16.02	-41.17	+0.000
D 0100	23.72	24.68	24.91	25.21	25.35	11.45	24.11	23.03	29.41	14.21	16.30	-39.61	+0.000
D 0115	23.72	24.68	24.91	25.20	25.22	11.04	24.11	23.02	29.41	13.80	16.40	-39.92	+0.000
D 0130	23.72	24.68	24.91	25.20	25.09	11.09	24.11	23.02	29.41	14.35	16.23	-41.25	+0.000
D 0145	23.72	24.68	24.91	25.19	24.96	11.05	24.11	23.02	29.41	13.92	16.39	-41.83	+0.000
D 0160	23.72	24.68	24.92	25.17	24.83	10.83	24.11	23.03	29.41	13.83	16.45	-41.67	+0.000
D 0215	23.72	24.69	24.92	25.16	24.70	10.36	24.11	23.02	29.41	13.19	16.78	-41.79	+0.000
D 0230	23.72	24.68	24.92	25.15	24.58	09.80	24.11	23.03	29.42	12.32	17.08	-39.35	+0.000
D 0245	23.72	24.68	24.92	25.13	24.45	09.40	24.11	23.02	29.41	11.37	17.07	-39.40	+0.000
D 0300	23.72	24.68	24.92	25.11	24.32	09.15	24.11	23.03	29.42	11.43	17.08	-38.96	+0.000
D 0315	23.72	24.68	24.92	25.09	24.20	08.85	24.11	23.03	29.42	11.39	17.16	-37.33	+0.000
D 0330	23.72	24.68	24.92	25.07	24.08	08.62	24.11	23.02	29.41	11.18	17.26	-37.99	+0.000
D 0345	23.72	24.67	24.92	25.04	23.95	08.44	24.11	23.03	29.42	11.13	17.38	-39.14	+0.000
D 0400	23.72	24.67	24.93	25.02	23.83	08.10	24.11	23.02	29.40	11.62	17.51	-38.45	+0.000
D 0415	23.72	24.68	24.93	24.99	23.71	07.93	24.11	23.03	29.42	11.90	17.41	-36.71	+0.000
D 0430	23.72	24.68	24.93	24.96	23.59	07.69	24.11	23.03	29.41	11.25	17.64	-37.59	+0.000
D 0445	23.72	24.68	24.94	24.94	23.47	07.33	24.11	23.02	29.41	10.32	18.05	-38.17	+0.000
D 0500	23.72	24.67	24.93	24.90	23.35	07.02							

Time	1.0m 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	Air			
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m				
D 1245	+23.71	+24.64	+24.91	+23.68	+21.99	+44.74	+24.07	+23.01	+29.07	+23.65	+12.70	+363.7	+0.000
D 1300	+23.71	+24.64	+24.90	+23.65	+22.17	+45.67	+24.07	+23.01	+29.10	+24.22	+12.49	+378.9	+0.000
D 1315	+23.71	+24.64	+24.90	+23.63	+22.38	+45.97	+24.07	+23.01	+29.13	+24.33	+12.45	+359.2	+0.000
D 1330	+23.71	+24.64	+24.89	+23.61	+22.59	+46.93	+24.07	+23.01	+29.15	+24.81	+12.28	+356.8	+0.000
D 1345	+23.71	+24.64	+24.88	+23.59	+22.82	+47.75	+24.08	+23.01	+29.17	+25.30	+12.10	+342.1	+0.000
D 1400	+23.71	+24.64	+24.88	+23.57	+23.06	+48.28	+24.08	+23.01	+29.20	+25.75	+11.94	+330.8	+0.000
D 1415	+23.70	+24.64	+24.87	+23.57	+23.31	+48.70	+24.07	+23.01	+29.21	+26.08	+11.79	+322.5	+0.000
D 1430	+23.71	+24.64	+24.87	+23.56	+23.56	+48.62	+24.07	+23.01	+29.23	+26.35	+11.65	+316.6	+0.000
D 1445	+23.71	+24.64	+24.87	+23.57	+23.77	+48.77	+24.07	+23.01	+29.25	+26.51	+11.60	+306.8	+0.000
D 1500	+23.71	+24.63	+24.85	+23.57	+24.09	+47.64	+24.07	+23.01	+29.26	+26.52	+11.60	+289.2	+0.000
D 1515	+23.71	+24.64	+24.85	+23.58	+24.36	+47.30	+24.07	+23.01	+29.28	+26.87	+11.47	+271.2	+0.000
D 1530	+23.70	+24.63	+24.83	+23.59	+24.61	+46.88	+24.06	+23.00	+29.27	+26.98	+11.44	+257.9	+0.000
D 1545	+23.70	+24.63	+24.83	+23.60	+24.88	+46.18	+24.07	+23.00	+29.28	+27.37	+11.29	+236.3	+0.000
D 1600	+23.70	+24.63	+24.83	+23.63	+25.15	+45.43	+24.06	+23.01	+29.29	+27.48	+11.26	+214.3	+0.000
D 1615	+23.70	+24.63	+24.82	+23.66	+25.39	+44.42	+24.07	+23.01	+29.30	+28.02	+11.06	+194.8	+0.000
D 1630	+23.71	+24.63	+24.81	+23.69	+25.65	+43.25	+24.07	+23.01	+29.30	+27.49	+11.25	+173.0	+0.000
D 1645	+23.70	+24.62	+24.80	+23.72	+25.88	+41.94	+24.07	+23.01	+29.31	+27.38	+11.29	+164.1	+0.000
D 1700	+23.70	+24.63	+24.79	+23.76	+26.11	+40.41	+24.06	+23.00	+29.31	+27.05	+11.40	+136.7	+0.000
D 1715	+23.70	+24.62	+24.78	+23.79	+26.32	+38.57	+24.06	+23.01	+29.31	+26.58	+11.58	+116.5	+0.000
D 1730	+23.70	+24.62	+24.78	+23.84	+26.53	+36.72	+24.06	+23.01	+29.32	+26.38	+11.65	+087.5	+0.000
D 1745	+23.70	+24.62	+24.77	+23.89	+26.71	+34.96	+24.07	+23.01	+29.32	+26.02	+11.78	+36.22	+0.000
D 1800	+23.70	+24.62	+24.76	+23.94	+26.88	+33.15	+24.06	+23.00	+29.32	+25.51	+11.96	+6.11	+0.000
D 1815	+23.71	+24.63	+24.76	+24.00	+27.03	+31.43	+24.07	+23.01	+29.33	+25.27	+12.05	+08.48	+0.000
D 1830	+23.70	+24.63	+24.75	+24.05	+27.17	+29.61	+24.06	+23.01	+29.33	+24.20	+12.43	+31.19	+0.000
D 1845	+23.71	+24.63	+24.74	+24.11	+27.38	+27.78	+24.07	+23.01	+29.33	+23.78	+12.59	+49.88	+0.000
D 1900	+23.71	+24.63	+24.74	+24.16	+27.37	+26.07	+24.06	+23.01	+29.33	+22.17	+13.16	+52.77	+0.000
D 1915	+23.71	+24.63	+24.73	+24.22	+27.44	+24.58	+24.06	+23.01	+29.33	+21.51	+13.42	+52.20	+0.000
D 1930	+23.71	+24.63	+24.72	+24.28	+27.49	+23.27	+24.06	+23.01	+29.33	+21.15	+13.53	+50.56	+0.000
D 1945	+23.71	+24.63	+24.71	+24.33	+27.49	+21.38	+24.06	+23.01	+29.33	+21.17	+13.53	+50.56	+0.000
D 2000	+23.71	+24.63	+24.71	+24.39	+27.52	+21.32	+24.05	+23.00	+29.32	+20.27	+13.85	+49.44	+0.000
D 2015	+23.71	+24.63	+24.70	+24.45	+27.51	+20.24	+24.06	+23.01	+29.33	+19.91	+13.98	+47.21	+0.000
D 2030	+23.71	+24.62	+24.69	+24.50	+27.46	+19.43	+24.06	+23.01	+29.33	+19.60	+14.09	+45.80	+0.000
D 2045	+23.71	+24.62	+24.69	+24.55	+27.41	+18.69	+24.06	+23.01	+29.33	+19.22	+14.25	+44.25	+0.000
D 2100	+23.71	+24.63	+24.69	+24.63	+27.35	+17.88	+24.06	+23.01	+29.33	+19.18	+14.29	+43.94	+0.000
D 2115	+23.71	+24.63	+24.68	+24.66	+27.26	+17.27	+24.06	+23.01	+29.33	+18.50	+14.53	+44.90	+0.000
D 2130	+23.71	+24.63	+24.68	+24.70	+27.17	+16.70	+24.06	+23.01	+29.33	+18.89	+14.36	+40.57	+0.000
D 2145	+23.71	+24.62	+24.68	+24.74	+27.07	+16.28	+24.06	+23.01	+29.33	+19.32	+14.19	+41.45	+0.000
D 2200	+23.71	+24.62	+24.67	+24.78	+26.95	+15.99	+24.06	+23.01	+29.33	+19.11	+14.00	+42.18	+0.000
D 2215	+23.71	+24.62	+24.67	+24.82	+26.83	+15.70	+24.06	+23.01	+29.33	+18.70	+14.42	+42.52	+0.000
D 2230	+23.71	+24.62	+24.67	+24.86	+26.72	+15.10	+24.06	+23.01	+29.33	+17.80	+14.77	+41.13	+0.000
D 2245	+23.71	+24.63	+24.67	+24.89	+26.59	+14.70	+24.06	+23.01	+29.33	+17.84	+14.76	+41.12	+0.000
D 2300	+23.72	+24.62	+24.67	+24.91	+26.46	+14.48	+24.05	+23.01	+29.33	+18.01	+14.72	+42.90	+0.000
D 2315	+23.72	+24.63	+24.67	+24.94	+26.32	+14.26	+24.05	+23.01	+29.33	+17.78	+14.60	+41.78	+0.000
D 2330	+23.71	+24.62	+24.67	+24.95	+26.18	+13.92	+24.05	+23.01	+29.33	+17.53	+14.90	+41.97	+0.000
D 2345	+23.71	+24.62	+24.67	+24.97	+26.05	+13.61	+24.06	+23.01	+29.34	+17.36	+14.96	+40.98	+0.000
D 0000	+23.71	+24.62	+24.66	+24.98	+25.91	+13.30	+24.06	+23.01	+29.33	+17.17	+15.03	+40.43	+0.000
D 0015	+23.71	+24.62	+24.67	+24.99	+25.77	+12.77	+24.06	+23.01	+29.34	+16.23	+15.37	+40.44	+0.000
D 0030	+23.71	+24.61	+24.67	+25.01	+25.50	+12.00	+24.05	+23.01	+29.33	+15.92	+15.48	+38.91	+0.000
D 0045	+23.71	+24.61	+24.67	+25.01	+25.50	+11.80	+24.05	+23.01	+29.33	+15.81	+15.52	+39.46	+0.000
D 0100	+23.71	+24.62	+24.67	+25.01	+25.37	+11.63	+24.05	+23.01	+29.33	+15.33	+15.69	+40.50	+0.000
D 0115	+23.71	+24.62	+24.67	+25.00	+25.23	+11.31	+24.05	+23.01	+29.34	+15.21	+15.73	+39.71	+0.000
D 0130	+23.71	+24.61	+24.67	+25.00	+25.10	+11.23	+24.06	+23.01	+29.33	+15.15	+15.84	+39.10	+0.000
D 0145	+23.71	+24.62	+24.67	+25.00	+25.00	+11.23	+24.06	+23.01	+29.33	+14.28	+16.13	+38.80	+0.000
D 0200	+23.71	+24.61	+24.67	+24.98	+24.83	+10.61	+24.05	+23.02	+29.34	+13.66	+16.35	+39.75	+0.000
D 0215	+23.71	+24.62	+24.68	+24.98	+24.70	+10.29	+24.05	+23.01	+29.33	+13.63	+16.36	+37.59	+0.000

Time	1.0m 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	Air			
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m				
D 0230	+23.71	+24.61	+24.68	+24.96	+24.57	+10.11	+24.05	+23.01	+29.33	+14.03	+16.22	+37.89	+0.000
D 0245	+23.72	+24.61	+24.68	+24.95	+24.44	+9.79	+24.05	+23.01	+29.34	+13.70	+16.30	+37.20	+0.000
D 0300	+23.71	+24.61	+24.68	+24.93	+24.32	+9.49	+24.05	+23.01	+29.33	+13.17	+16.56	+36.92	+0.000
D 0315	+23.71	+24.61	+24.69	+24.91	+24.19	+9.28	+24.05	+23.01	+29.33	+13.40	+16.49	+36.63	+0.000
D 0330	+23.71	+24.61	+24.69	+24.89	+24.06	+8.95	+24.05	+23.01	+29.33	+13.67	+16.40	+36.56	+0.000
D 0345	+23.71	+24.61	+24.69	+24.87	+23.94	+8.75	+24.05	+23.01	+29.33	+12.77	+16.75	+37.22	+0.000
D 0400	+23.71	+24.61	+24.69	+24.85	+23.81	+8.55	+24.05	+23.01	+29.33	+12.10	+17.02	+36.18	+0.000
D 0415	+23.72	+24.61	+24.70	+24.83	+23.67	+8.35	+24.05	+23.01	+29.33	+12.17	+16.97	+36.21	+0.000
D 0430	+23.71	+24.60	+24.70	+24.79	+23.57	+8.14	+24.05	+23.01	+29.33	+11.56	+17.28	+36.08	+0.000
D 0445	+23.71	+24.61	+24.70	+24.77	+23.45	+7.94	+24.05	+23.02	+29.31	+11.56	+17.28	+36.08	+0.000
D 0500	+23.72	+24.61	+24.71	+24.74	+23.34	+7.84	+24.05	+23.02	+29.29	+10.95	+17.50	+35.01	+0.000
D 0515	+23.71	+24.60	+24.71	+24.71	+23.21	+7.62	+24.05	+23.02	+29.25	+10.84	+17.55	+34.50	+0.000
D 0530	+23.72	+24.60	+24.71	+24.65	+26.18	+7.52	+24.06	+23.01	+29.23	+10.78	+17.43	+33.22	+0.000
D 0545	+23.72	+24.60	+24.71	+24.65	+26.18	+7.52	+24.06	+23.01	+29.23	+11.17	+17.43	+34.67	+0.000
D 0600	+23.71	+24.60	+24.72	+24.62	+22.88	+07.16	+24.04	+23.01	+29.16	+10.69	+17.61	+35.05	+0.000
D 0615	+23.72	+24.60	+24.72	+24.58	+22.77	+6.988	+24.04	+23.01	+29.14	+10.37	+17.72	+34.17	+0.000
D 0630	+23.71	+24.60	+24.72	+24.55	+22.65	+6.835	+24.04	+23.01	+29.11	+10.29	+17.97	+33.88	+0.000
D 0645	+23.72	+24.60	+24.72	+24.51	+22.54	+6.602	+24.04	+23.01	+29.09	+09.70	+18.02	+32.59	+0.000
D 0700	+23.71	+24.60	+24.73	+24.48	+22.43	+6.460	+24.04	+23.02	+29.07	+09.97	+17.92	+30.99	+0.000
D 0715	+23.71	+24.60	+24.73	+24.44	+22.32	+6.472	+24.04	+23.02	+29.05	+10.46	+17.71	+27.22	+0.000
D 0730	+23.71	+24.60	+24.73	+24.40	+22.21	+6.727	+24.04	+23.02	+29.02	+10.92	+17.52	+21.32	+0.000
D 0745	+23.72	+24.60	+24.73	+24.37	+22.11	+6.782	+24.04	+23.01	+28.99	+12.19	+17.06	+12.79	+0.000
D 0800	+23.71	+24.60	+24.73	+24.33	+22.00	+6.931	+24.04	+23.02	+28.98	+12.95	+16.74	+08.50	+0.000
D 0815	+23.71	+24.59	+24.73	+24.28	+21.90	+10.83	+24.03	+23.01	+28.95	+13.38	+16.60	+45.01	+0.000
D 0830	+23.71	+24.59	+24.74	+24.25	+21.80	+12.56	+24.03	+23.01	+28.93	+14.60	+16.13	+073.6	+0.000
D 0845	+23.71	+24.59	+24.73	+24.21	+21.70	+14.84	+24.03	+23.01	+28.91	+15.24	+15.93	+104.0	+0.000

Time	1.75m			1.0m			.5m			.25m			.125m			Surf.			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
D 1645	23.70	24.55	24.62	23.65	26.04	43.30	24.00	22.99	29.22	28.98	10.65	-158.9	+0.000												
D 1700	23.70	24.55	24.62	23.69	26.28	42.08	24.00	22.99	29.22	28.97	10.65	-134.0	+0.000												
D 1715	23.70	24.55	24.61	23.73	26.49	40.37	24.00	23.00	29.23	28.29	10.90	-110.9	+0.000												
D 1730	23.70	24.55	24.61	23.79	26.71	38.44	23.99	22.99	29.22	27.84	11.06	-84.1	+0.000												
D 1745	23.70	24.54	24.59	23.83	26.89	36.68	24.00	22.99	29.23	27.58	11.16	-31.58	+0.000												
D 1800	23.70	24.54	24.59	23.89	27.07	34.70	23.99	22.99	29.23	26.91	11.40	-0.188	+0.000												
D 1815	23.70	24.54	24.58	23.94	27.22	32.80	24.00	23.00	29.23	26.31	11.67	-17.32	+0.000												
D 1830	23.70	24.55	24.58	24.00	27.36	30.87	24.00	22.99	29.23	25.42	11.99	-36.40	+0.000												
D 1845	23.71	24.55	24.57	24.06	27.48	28.92	24.00	22.99	29.24	24.10	12.47	-52.18	+0.000												
D 1900	23.70	24.54	24.56	24.11	27.57	27.08	23.99	23.00	29.24	23.09	12.83	-54.31	+0.000												
D 1915	23.70	24.54	24.56	24.17	27.64	25.53	23.99	23.00	29.24	22.54	13.01	-54.39	+0.000												
D 1930	23.70	24.55	24.55	24.24	27.70	24.27	23.99	23.00	29.24	21.77	13.13	-52.90	+0.000												
D 1945	23.70	24.54	24.54	24.29	27.72	22.95	24.00	23.00	29.24	21.07	13.86	-43.84	+0.000												
D 2000	23.70	24.54	24.54	24.35	27.73	21.95	23.99	22.99	29.23	21.34	13.50	-50.08	+0.000												
D 2015	23.71	24.54	24.53	24.41	27.72	20.92	23.98	22.99	29.23	20.64	13.72	-47.54	+0.000												
D 2030	23.71	24.55	24.53	24.47	27.69	20.09	23.99	22.99	29.24	20.53	13.76	-46.12	+0.000												
D 2045	23.71	24.55	24.52	24.53	27.64	19.30	23.99	23.00	29.24	19.97	13.95	-46.46	+0.000												
D 2100	23.71	24.54	24.53	24.58	27.58	18.69	23.99	23.00	29.24	19.24	14.32	-41.70	+0.000												
D 2115	23.71	24.54	24.52	24.63	27.49	18.20	23.99	23.00	29.24	18.57	14.58	-38.54	+0.000												
D 2130	23.70	24.54	24.52	24.68	27.40	17.66	23.99	23.00	29.24	17.89	14.81	-35.40	+0.000												
D 2145	23.70	24.54	24.52	24.72	27.30	17.04	23.99	23.00	29.24	17.21	15.00	-32.26	+0.000												
D 2200	23.71	24.54	24.52	24.77	27.19	16.42	23.99	23.00	29.24	16.53	15.17	-29.12	+0.000												
D 2215	23.70	24.54	24.51	24.80	27.06	15.80	23.99	23.00	29.24	15.87	15.32	-25.98	+0.000												
D 2230	23.71	24.54	24.52	24.85	26.95	15.53	23.98	23.00	29.24	15.24	15.48	-22.84	+0.000												
D 2245	23.71	24.54	24.51	24.88	26.81	15.02	23.99	23.00	29.24	14.66	15.67	-19.70	+0.000												
D 2300	23.71	24.54	24.51	24.90	26.68	14.66	23.99	23.00	29.24	14.04	15.81	-16.56	+0.000												
D 2315	23.71	24.54	24.51	24.95	26.55	14.24	23.98	23.00	29.23	13.42	15.90	-13.42	+0.000												
D 2330	23.71	24.54	24.51	24.95	26.40	13.85	23.99	23.00	29.23	12.80	16.00	-10.28	+0.000												
D 2345	23.71	24.54	24.51	24.97	26.27	13.57	23.98	23.00	29.24	12.18	16.06	-7.14	+0.000												
D 0000	23.71	24.53	24.51	24.98	26.13	13.48	23.98	23.00	29.24	11.56	16.01	-4.00	+0.000												
BT 73																									
D 0015	23.71	24.54	24.51	25.00	25.99	13.40	23.99	23.00	29.25	10.92	16.00	-0.86	+0.000												
D 0030	23.71	24.53	24.52	25.01	25.85	13.15	23.98	23.00	29.25	10.29	16.00	-2.20	+0.000												
D 0045	23.70	24.53	24.51	25.00	25.70	12.75	23.98	23.00	29.24	9.66	16.03	-3.54	+0.000												
D 0100	23.71	24.53	24.52	25.01	25.57	12.60	23.99	23.00	29.24	9.03	16.00	-4.88	+0.000												
D 0115	23.71	24.53	24.52	25.01	25.43	12.32	23.98	23.00	29.24	8.40	16.05	-6.22	+0.000												
D 0130	23.71	24.53	24.52	25.01	25.30	12.04	23.98	23.00	29.24	7.77	16.05	-7.56	+0.000												
D 0145	23.71	24.53	24.53	25.01	25.16	11.75	23.98	23.00	29.24	7.14	16.05	-8.90	+0.000												
D 0200	23.71	24.53	24.53	25.00	25.03	11.24	23.98	23.00	29.23	6.51	16.02	-10.24	+0.000												
D 0215	23.71	24.52	24.53	24.99	24.89	11.04	23.98	23.00	29.24	5.88	16.00	-11.58	+0.000												
D 0230	23.71	24.52	24.54	24.98	24.77	10.80	23.98	23.00	29.24	5.25	16.00	-12.92	+0.000												
D 0245	23.71	24.53	24.54	24.96	24.63	10.48	23.98	23.00	29.24	4.62	16.00	-14.26	+0.000												
D 0300	23.71	24.52	24.54	24.94	24.50	10.26	23.98	23.00	29.24	4.00	16.00	-15.60	+0.000												
D 0315	23.71	24.53	24.55	24.93	24.38	9.92	23.97	23.00	29.23	3.37	16.00	-16.94	+0.000												
D 0330	23.72	24.53	24.56	24.92	24.26	9.67	23.97	23.00	29.23	2.74	16.00	-18.28	+0.000												
D 0345	23.71	24.53	24.55	24.89	24.13	9.47	23.98	23.00	29.23	2.11	16.00	-19.62	+0.000												
D 0400	23.71	24.53	24.55	24.87	24.01	9.27	23.98	23.00	29.23	1.48	16.00	-20.96	+0.000												
D 0415	23.71	24.52	24.56	24.84	23.88	9.09	23.97	23.00	29.24	0.85	16.00	-22.30	+0.000												
D 0430	23.71	24.52	24.57	24.82	23.77	8.87	23.98	23.00	29.24	0.22	16.00	-23.64	+0.000												
D 0445	23.71	24.52	24.57	24.80	23.65	8.68	23.97	23.00	29.24	-0.41	16.00	-24.98	+0.000												
D 0500	23.71	24.53	24.58	24.74	23.53	8.40	23.98	23.00	29.24	-1.04	16.00	-26.32	+0.000												
D 0515	23.71	24.52	24.58	24.71	23.41	8.12	23.97	23.00	29.24	-1.67	16.00	-27.66	+0.000												
D 0530	23.71	24.52	24.58	24.71	23.29	7.84	23.97	23.00	29.24	-2.30	16.00	-29.00	+0.000												
D 0545	23.71	24.52	24.59	24.68	23.18	7.56	23.97	23.00	29.24	-2.93	16.00	-30.34	+0.000												
D 0600	23.71	24.52	24.59	24.65	23.06	7.28	23.97	23.00	29.25	-3.56	16.00	-31.68	+0.000												
D 0615	23.71	24.52	24.59	24.61	22.95	7.00	23.97	23.00	29.25	-4.19	16.00	-33.02	+0.000												

Time	1.75m			1.0m			.5m			.25m			.125m			Surf.			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil								
D 0630	23.71	24.52	24.60	24.58	22.84	6.74	23.97	23.00	29.09	11.14	17.30	-35.74	+0.000												
D 0645	23.71	24.51	24.60	24.55	22.72	6.46	23.96	22.99	29.05	11.00	17.35	-34.19	+0.000												
D 0700	23.71	24.52	24.61	24.51	22.62	6.18	23.97	23.00	29.03	10.89	17.38	-32.97	+0.000												
D 0715	23.71	24.51	24.60	24.47	22.50	5.90	23.97	23.00	29.01	10.91	17.36	-27.76	+0.000												
D 0730	23.71	24.51	24.60	24.44	22.40	5.62	23.96	23.00	28.99	11.56	17.13	-22.53	+0.000												
D 0745	23.71	24.52	24.61	24.40	22.29	5.34	23.96	23.00	28.98	12.21	16.90	-17.30	+0.000												
D 0800	23.71	24.51	24.61	24.36	22.18	5.06	23.96	23.00	28.99	12.86	16.72	-12.07	+0.000												
D 0815	23.71	24.51	24.62	24.32	22.08	4.78	23.96	23.00	28.93	13.51	16.53	-6.80	+0.000												
D 0830	23.71	24.51	24.62	24.29	21.98	4.50	23.96	23.00	28.90	14.16	16.30	-1.56	+0.000												
D 0845	23.71	24.51	24.62	24.24	21.88	4.22	23.96	23.00	28.89	14.81	16.05	3.70	+0.000												
D 0900	23.71	24.50	24.62	24.20	21.79	3.94	23.96	23.00	28.89	15.46	15.80	8.94	+0.000												
D 0915	23.71	24.50	24.62	24.16	21.70	3.66	23.96	23.00	28.87	16.11	15.62	14.18	+0.000												
D 0930	23.71	24.50	24.62	24.12	21.62	3.38	23.95	22.99	28.85	16.76	15.44	19.42	+0.000												
D 0945	23.71	24.50	24.63	24.08	21.56	3.10	23.95	22.99	28.84	17.41	15.27	24.66	+0.000												
D 1000	23.71	24.50	24.62	24.03	21.51	2.82	23.95	22.99	28.84	18.06	15.10	29.90	+0.000												
D 1015	23.71	24.50	24.62	23.99	21.48	2.54	23.95	22.99	28.84	18.71	14.93	35.14	+0.000												
D 1030	23.71	24.49	24.62	23.95	21.46	2.26	23.95	22.99	28.83	19.36	14.76	40.38	+0.000												
D 1045	23.71	24.49	24.62	23.91	21.46	1.98	23.94	22.99	28.84	20.01	14.59	45.62	+0.000												
D 1100	23.70	24.49	24.62	23.87	21.49	1.70	23.94	22.98	28.85	20.66	14.42	50.86	+0.000												
D 1115	23.70	24.49	24.63	23.83	21.54	1.42	23.94	22.99	28.86	21.31	14.25	56.10	+0.000												
D 1130	23.71	24.49	24.63	23.79	21.60	1.14	23.94	22.99	28.88	21.96	14.08	61.34	+0.000												
D 1145	23.70	24.49	24.62	23.75	21.69	0.86	23.93	22.98	28.89	22.61	13.91	66.58	+0.000												
D 1200	23.70	24.48	24.63	23.71	21.80	0.58	23.94	22.99	28.91	23.26	13.74	71.82	+0.000												
D 1215	23.70	24.48	24.62	23.68	21.93	0.30	23.93	22.98	28.92	23.91	13.57	77.06	+0.000												
D 1230	23.70	24.48	24.62	23.65	22.08	0.02	23.94	22.99	28.95	24.56	13.40	82.30	+0.000												
D 1245	23.70	24.48	24.61	23.62	22.25	-0.2																			



Time	1.75m 1.0m .5m .25m .125m					1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	Surf. Soil	PVC	PVC				
D 2030	-23.70	-24.45	-24.45	-24.53	-27.82	-20.54	+23.91	+22.98	+29.16	+21.59	+13.37	-46.08 +0.000
D 2045	-23.70	-24.46	-24.45	-24.59	-27.78	-19.90	+23.91	+22.98	+29.16	+21.31	+13.47	-45.30 +0.000
D 2100	-23.70	-24.46	-24.44	-24.63	-27.71	-19.21	+23.92	+22.99	+29.17	+20.98	+13.56	-44.84 +0.000
D 2115	-23.70	-24.46	-24.45	-24.69	-27.63	-18.53	+23.92	+22.99	+29.16	+20.79	+13.61	-42.56 +0.000
D 2130	-23.70	-24.46	-24.44	-24.73	-27.54	-17.92	+23.92	+22.99	+29.16	+20.36	+13.75	-43.68 +0.000
D 2145	-23.70	-24.45	-24.44	-24.78	-27.43	-17.38	+23.91	+22.98	+29.17	+20.02	+13.88	-41.96 +0.000
D 2200	-23.70	-24.45	-24.44	-24.83	-27.33	-16.88	+23.91	+22.99	+29.16	+19.89	+13.94	-40.95 +0.000
D 2215	-23.70	-24.45	-24.43	-24.85	-27.20	-16.40	+23.91	+22.99	+29.17	+19.94	+14.04	-40.64 +0.000
D 2230	-23.70	-24.45	-24.43	-24.90	-27.08	-16.04	+23.91	+22.99	+29.17	+19.82	+14.01	-39.59 +0.000
D 2245	-23.70	-24.45	-24.44	-24.93	-26.96	-15.85	+23.91	+22.98	+29.16	+19.89	+13.99	-40.58 +0.000
D 2300	-23.71	-24.46	-24.45	-24.96	-26.83	-15.56	+23.91	+22.98	+29.16	+19.67	+14.07	-39.30 +0.000
D 2315	-23.70	-24.46	-24.45	-24.99	-26.71	-15.23	+23.91	+22.99	+29.16	+19.22	+14.23	-39.88 +0.000
D 2330	-23.70	-24.45	-24.45	-25.01	-26.55	-14.77	+23.91	+22.99	+29.17	+18.93	+14.51	-39.52 +0.000
D 2345	-23.70	-24.45	-24.45	-25.03	-26.42	-14.36	+23.91	+22.98	+29.16	+18.21	+14.59	-38.61 +0.000
D 0000	-23.71	-24.45	-24.45	-25.05	-26.28	-13.93	+23.91	+22.98	+29.16	+17.47	+14.86	-38.63 +0.000
D 0015	-23.70	-24.45	-24.45	-25.05	-26.14	-13.56	+23.91	+22.98	+29.16	+17.53	+14.84	-37.69 +0.000
D 0030	-23.70	-24.45	-24.45	-25.06	-26.00	-13.12	+23.91	+22.99	+29.16	+17.64	+14.78	-37.51 +0.000
D 0045	-23.70	-24.45	-24.45	-25.07	-25.87	-12.71	+23.91	+22.98	+29.16	+17.33	+14.90	-38.73 +0.000
D 0100	-23.70	-24.45	-24.46	-25.07	-25.73	-12.31	+23.91	+22.98	+29.16	+16.85	+15.06	-39.02 +0.000
D 0115	-23.70	-24.45	-24.46	-25.07	-25.59	-11.94	+23.90	+22.98	+29.16	+16.23	+15.29	-36.78 +0.000
D 0130	-23.70	-24.44	-24.46	-25.07	-25.46	-11.58	+23.90	+22.98	+29.16	+15.72	+15.47	-37.58 +0.000
D 0145	-23.70	-24.44	-24.46	-25.06	-25.32	-11.25	+23.90	+22.98	+29.16	+15.32	+15.71	-37.45 +0.000
D 0200	-23.70	-24.44	-24.47	-25.06	-25.19	-10.93	+23.91	+22.99	+29.17	+15.25	+15.68	-35.29 +0.000
D 0215	-23.70	-24.44	-24.47	-25.05	-25.06	-10.62	+23.90	+22.98	+29.16	+15.37	+15.62	-36.49 +0.000
D 0230	-23.70	-24.45	-24.48	-25.04	-24.94	-10.32	+23.90	+22.98	+29.16	+14.84	+15.81	-36.01 +0.000
D 0245	-23.70	-24.44	-24.48	-25.02	-24.80	-10.04	+23.90	+22.99	+29.16	+15.04	+15.73	-35.99 +0.000
D 0300	-23.70	-24.44	-24.48	-25.01	-24.68	-9.78	+23.90	+22.99	+29.16	+14.94	+15.77	-34.23 +0.000
D 0315	-23.71	-24.44	-24.50	-25.00	-24.56	-9.50	+23.90	+22.98	+29.16	+15.23	+15.66	-35.22 +0.000
D 0330	-23.70	-24.44	-24.50	-24.97	-24.43	-9.27	+23.90	+22.99	+29.16	+14.63	+15.88	-35.25 +0.000
D 0345	-23.70	-24.44	-24.50	-24.95	-24.31	-9.09	+23.90	+22.99	+29.16	+14.04	+16.10	-34.78 +0.000
D 0400	-23.70	-24.44	-24.50	-24.93	-24.18	-8.92	+23.90	+22.98	+29.16	+13.63	+16.28	-34.40 +0.000
D 0415	-23.70	-24.44	-24.51	-24.91	-24.06	-8.76	+23.90	+22.99	+29.16	+13.55	+16.29	-34.72 +0.000
D 0430	-23.70	-24.44	-24.51	-24.88	-23.95	-8.61	+23.90	+22.99	+29.16	+13.88	+16.46	-34.18 +0.000
D 0445	-23.70	-24.44	-24.52	-24.86	-23.82	-8.47	+23.90	+22.99	+29.16	+13.86	+16.64	-36.96 +0.000
D 0500	-23.70	-24.43	-24.52	-24.83	-23.71	-8.34	+23.90	+22.99	+29.16	+12.69	+16.70	-36.36 +0.000
D 0515	-23.70	-24.44	-24.53	-24.80	-23.59	-8.22	+23.90	+22.99	+29.16	+13.23	+16.50	-35.43 +0.000
D 0530	-23.71	-24.44	-24.54	-24.78	-23.48	-8.11	+23.90	+22.99	+29.16	+13.86	+16.23	-36.86 +0.000
D 0545	-23.70	-24.44	-24.54	-24.75	-23.37	-8.01	+23.90	+22.99	+29.16	+13.94	+16.34	-36.81 +0.000
D 0600	-23.70	-24.43	-24.54	-24.71	-23.24	-7.91	+23.90	+22.99	+29.16	+13.19	+16.43	-37.45 +0.000
D 0615	-23.70	-24.43	-24.54	-24.68	-23.14	-7.82	+23.90	+22.98	+29.15	+12.39	+16.77	-35.58 +0.000
D 0630	-23.70	-24.43	-24.55	-24.65	-23.02	-7.74	+23.89	+22.99	+29.13	+12.35	+16.80	-35.11 +0.000
D 0645	-23.70	-24.43	-24.55	-24.62	-22.91	-7.66	+23.89	+22.99	+29.13	+12.18	+16.87	-34.67 +0.000
D 0700	-23.70	-24.43	-24.55	-24.58	-22.81	-7.59	+23.90	+22.99	+29.07	+12.11	+17.01	-34.15 +0.000
D 0715	-23.71	-24.43	-24.56	-24.55	-22.71	-7.53	+23.89	+22.99	+29.04	+10.40	+17.58	-39.30 +0.000
D 0730	-23.71	-24.43	-24.56	-24.51	-22.61	-7.47	+23.89	+22.98	+29.01	+11.20	+17.30	-33.50 +0.000
D 0745	-23.71	-24.43	-24.56	-24.47	-22.51	-7.41	+23.89	+22.98	+28.98	+12.45	+16.83	-17.67 +0.000
D 0800	-23.71	-24.43	-24.57	-24.44	-22.41	-7.35	+23.89	+22.98	+28.96	+13.81	+16.35	-18.52 +0.000
D 0815	-23.70	-24.43	-24.57	-24.40	-22.31	-7.29	+23.89	+22.98	+28.94	+15.08	+15.89	-37.73 +0.000
D 0830	-23.70	-24.43	-24.57	-24.36	-22.21	-7.23	+23.89	+22.98	+28.93	+16.63	+15.29	-65.27 +0.000
D 0845	-23.70	-24.43	-24.57	-24.32	-22.11	-7.17	+23.89	+22.98	+28.92	+16.94	+15.17	-109.5 +0.000
D 0900	-23.70	-24.42	-24.58	-24.28	-22.02	-7.11	+23.89	+22.98	+28.90	+16.56	+15.33	-128.2 +0.000
D 0915	-23.70	-24.42	-24.58	-24.24	-21.92	-7.05	+23.89	+22.98	+28.89	+16.50	+15.40	-135.6 +0.000
D 0930	-23.70	-24.42	-24.58	-24.19	-21.86	-7.00	+23.88	+22.97	+28.88	+17.16	+15.15	-177.8 +0.000
D 0945	-23.70	-24.42	-24.58	-24.15	-21.80	-6.95	+23.88	+22.98	+28.87	+18.44	+14.64	-200.9 +0.000
D 1000	-23.70	-24.42	-24.58	-24.12	-21.75	-6.90	+23.88	+22.98	+28.86	+19.72	+14.17	-221.5 +0.000

Time	1.75m 1.0m .5m .25m .125m					1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	Surf. Soil	PVC	PVC				
D 1015	-23.70	-24.42	-24.59	-24.08	-21.71	-30.04	+23.88	+22.97	+28.85	+20.41	+13.92	-245.6 +0.000
D 1030	-23.69	-24.41	-24.58	-24.03	-21.69	-32.48	+23.87	+22.97	+28.86	+20.94	+13.74	-269.8 +0.000
D 1045	-23.70	-24.41	-24.58	-23.99	-21.69	-34.67	+23.87	+22.97	+28.85	+22.17	+13.24	-284.7 +0.000
D 1100	-23.70	-24.41	-24.58	-23.95	-21.71	-36.91	+23.87	+22.97	+28.86	+23.12	+12.89	-296.2 +0.000
D 1115	-23.70	-24.41	-24.58	-23.91	-21.76	-39.16	+23.87	+22.97	+28.88	+23.99	+12.53	-318.3 +0.000
D 1130	-23.70	-24.41	-24.58	-23.88	-21.83	-40.93	+23.87	+22.97	+28.89	+24.32	+12.39	-332.6 +0.000
D 1145	-23.70	-24.41	-24.58	-23.84	-21.91	-42.53	+23.87	+22.97	+28.91	+25.81	+12.22	-341.9 +0.000
D 1200	-23.70	-24.41	-24.58	-23.80	-22.02	-43.93	+23.87	+22.97	+28.92	+27.39	+12.07	-348.9 +0.000
D 1215	-23.69	-24.40	-24.57	-23.76	-22.15	-45.24	+23.87	+22.97	+28.94	+26.25	+11.68	-347.7 +0.000
D 1230	-23.70	-24.41	-24.58	-23.74	-22.30	-46.32	+23.87	+22.97	+28.97	+26.67	+11.50	-346.5 +0.000
D 1245	-23.68	-24.40	-24.57	-23.70	-22.47	-47.08	+23.87	+22.97	+28.99	+27.20	+11.34	-346.7 +0.000
D 1315	-23.70	-24.40	-24.57	-23.67	-22.88	-48.51	+23.86	+22.97	+29.02	+28.25	+10.97	-347.6 +0.000
D 1330	-23.69	-24.40	-24.57	-23.65	-23.10	-48.98	+23.87	+22.97	+29.04	+28.75	+10.80	-343.1 +0.000
D 1345	-23.68	-24.39	-24.55	-23.63	-23.32	-48.75	+23.86	+22.97	+29.05	+28.95	+10.72	-342.9 +0.000
D 1400	-23.69	-24.39	-24.56	-23.62	-23.57	-48.52	+23.86	+22.96	+29.05	+29.22	+10.63	-334.1 +0.000
D 1415	-23.69	-24.39	-24.55	-23.62	-23.83	-48.45	+23.86	+22.96	+29.06	+29.43	+10.53	-321.8 +0.000
D 1430	-23.69	-24.40	-24.55	-23.63	-24.09	-48.43	+23.86	+22.96	+29.07	+29.60	+10.48	-308.7 +0.000
D 1445	-23.68	-24.39	-24.54	-23.61	-24.35	-48.23	+23.86	+22.97	+29.07	+29.86	+10.34	-292.9 +0.000
D 1500	-23.69	-24.39	-24.54	-23.63	-24.62	-48.21	+23.85	+22.96	+29.08	+29.94	+10.31	-277.1 +0.000
D 1515	-23.69	-24.39	-24.54	-23.64	-24.89	-48.17	+23.86	+22.97	+29.08	+30.21	+10.21	-257.3 +0.000
D 1530	-23.69	-24.39	-24.53	-23.66	-25.15	-47.50	+23.86	+22.97	+29.09	+30.06	+10.26	-250.2 +0.000
D 1545	-23.69	-24.39	-24.53	-23.68	-25.41	-47.07	+23.86	+22.97	+29.09	+30.31	+10.17	-220.0 +0.000
D 1600	-23.68	-24.39	-24.52	-23.70	-25.66	-46.15	+23.86	+22.97	+29.09	+30.04	+10.77	-209.6 +0.000
D 1615	-23.69	-24.38	-24.52	-23.73	-25.91	-44.87	+23.85	+22.96	+29.09	+29.88	+10.33	-194.1 +0.000
D 1630	-23.69	-24.39	-24.51	-23.77	-26.16	-43.19	+23.85	+22.96	+29.09	+29.77	+10.37	-184.4 +0.000
D 1645	-23.69	-24.39	-24.51	-23.80	-26.38	-41.49	+23.85	+22.97	+29.09	+29.43	+10.49	-136.6 +0.000
D 1700	-23.69	-24.39	-24.50	-23.84	-26.60	-38.99	+23.85	+22.96	+29.10	+28.15	+10.95	-10.20 +0.000
D 1715	-23.69	-24.39	-24.50	-23.89	-26.81	-35.86	+23.85	+22.96	+29.09	+27.38	+11.23	-24.14 +0.000
D 1730	-23.69	-24.39	-24.49	-23.94	-27.00	-32.51	+23.85	+22.97	+29.10	+27.99	+11.50	-41.86 +0.000
D 1745	-23.69	-24.38	-24.48	-23.98	-27.17	-33.34	+2					

Time	1.0m 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	Air			
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m	1.0m			
0015	+23.69	+24.38	+24.44	+25.05	+25.96	+14.42	+23.84	+22.97	+29.10	+17.76	+14.75	-38.23	+0.000
0030	+23.70	+24.38	+24.44	+25.06	+25.83	+14.20	+23.84	+22.97	+29.10	+17.71	+14.75	-37.36	+0.000
0045	+23.69	+24.38	+24.44	+25.06	+25.71	+13.87	+23.84	+22.97	+29.10	+16.37	+15.31	-37.72	+0.000
0100	+23.69	+24.38	+24.44	+25.06	+25.56	+13.17	+23.84	+22.97	+29.10	+16.28	+15.35	-37.27	+0.000
0115	+23.69	+24.38	+24.44	+25.05	+25.46	+13.17	+23.84	+22.97	+29.10	+16.05	+15.67	-36.65	+0.000
0130	+23.69	+24.37	+24.45	+25.05	+25.33	+13.06	+23.84	+22.97	+29.10	+16.57	+15.24	-39.28	+0.000
0145	+23.69	+24.37	+24.45	+25.04	+25.21	+12.75	+23.84	+22.97	+29.10	+16.06	+15.24	-39.28	+0.000
0200	+23.69	+24.37	+24.45	+25.03	+25.08	+12.76	+23.84	+22.97	+29.10	+16.82	+15.15	-36.83	+0.000
0215	+23.69	+24.38	+24.46	+25.03	+24.97	+12.57	+23.84	+22.97	+29.10	+16.44	+15.29	-37.45	+0.000
0230	+23.69	+24.38	+24.46	+25.01	+24.85	+12.40	+23.84	+22.97	+29.10	+15.96	+15.46	-38.14	+0.000
0245	+23.69	+24.37	+24.47	+25.00	+24.73	+12.33	+23.84	+22.97	+29.10	+15.93	+15.46	-38.14	+0.000
0300	+23.69	+24.37	+24.47	+24.98	+24.61	+11.84	+23.84	+22.97	+29.10	+15.83	+15.80	-35.97	+0.000
0315	+23.69	+24.37	+24.47	+24.96	+24.50	+11.48	+23.84	+22.97	+29.10	+14.50	+16.01	-36.55	+0.000
0330	+23.69	+24.37	+24.48	+24.94	+24.39	+10.92	+23.84	+22.97	+29.09	+14.95	+15.89	-37.18	+0.000
0345	+23.69	+24.37	+24.49	+24.92	+24.27	+11.42	+23.83	+22.96	+29.10	+14.63	+16.00	-37.63	+0.000
0400	+23.69	+24.37	+24.49	+24.91	+24.16	+11.35	+23.84	+22.97	+29.10	+14.53	+16.04	-37.59	+0.000
0415	+23.69	+24.37	+24.49	+24.88	+24.05	+11.04	+23.83	+22.97	+29.10	+14.59	+16.05	-35.22	+0.000
0430	+23.69	+24.37	+24.50	+24.86	+23.94	+10.75	+23.84	+22.97	+29.09	+14.21	+16.21	-36.14	+0.000
0445	+23.69	+24.37	+24.50	+24.84	+23.83	+10.61	+23.83	+22.97	+29.09	+13.69	+16.46	-35.75	+0.000
0500	+23.70	+24.37	+24.50	+24.83	+23.83	+10.61	+23.83	+22.97	+29.09	+13.22	+16.63	-36.38	+0.000
0515	+23.69	+24.37	+24.51	+24.78	+23.63	+10.14	+23.84	+22.97	+29.11	+13.26	+16.62	-35.22	+0.000
0530	+23.69	+24.37	+24.51	+24.75	+23.52	+09.94	+23.83	+22.97	+29.09	+12.55	+16.90	-34.82	+0.000
0545	+23.70	+24.37	+24.52	+24.72	+23.42	+09.51	+23.83	+22.97	+29.09	+12.05	+17.23	-33.31	+0.000
0600	+23.69	+24.37	+24.52	+24.69	+23.31	+09.16	+23.83	+22.97	+29.09	+12.31	+17.14	-33.04	+0.000
0615	+23.69	+24.37	+24.53	+24.66	+23.21	+09.12	+23.83	+22.97	+29.10	+12.09	+17.13	-33.04	+0.000
0630	+23.69	+24.37	+24.53	+24.63	+23.12	+09.21	+23.83	+22.96	+29.09	+12.29	+16.97	-31.14	+0.000
0645	+23.69	+24.36	+24.53	+24.59	+23.01	+09.04	+23.82	+22.96	+29.09	+12.21	+17.24	-29.92	+0.000
0700	+23.69	+24.37	+24.54	+24.57	+22.92	+09.09	+23.83	+22.97	+29.09	+12.06	+17.24	-24.21	+0.000
0715	+23.69	+24.36	+24.54	+24.53	+22.83	+09.22	+23.83	+22.97	+29.06	+12.10	+17.33	-18.00	+0.000
0730	+23.69	+24.36	+24.54	+24.53	+22.73	+09.46	+23.82	+22.96	+29.03	+12.39	+17.23	-11.13	+0.000
0745	+23.69	+24.36	+24.54	+24.47	+22.62	+10.53	+23.83	+22.97	+29.00	+13.71	+16.68	-08.28	+0.000
0800	+23.69	+24.36	+24.54	+24.43	+22.52	+11.67	+23.82	+22.96	+28.98	+14.52	+16.36	-05.99	+0.000
0815	+23.70	+24.36	+24.55	+24.39	+22.43	+12.09	+23.82	+22.96	+28.95	+14.42	+16.13	-03.67	+0.000
0830	+23.70	+24.36	+24.55	+24.36	+22.34	+12.99	+23.82	+22.96	+28.93	+16.13	+15.71	-58.04	+0.000
0845	+23.69	+24.36	+24.55	+24.36	+22.25	+15.60	+23.83	+22.96	+28.92	+17.27	+15.30	-092.7	+0.000
0860	+23.69	+24.36	+24.55	+24.28	+22.17	+18.11	+23.82	+22.96	+28.90	+17.71	+15.13	-107.1	+0.000
0875	+23.69	+24.35	+24.55	+24.24	+22.09	+20.21	+23.82	+22.96	+28.89	+18.02	+15.00	-140.3	+0.000
0890	+23.69	+24.35	+24.56	+24.20	+22.02	+22.83	+23.82	+22.96	+28.88	+18.48	+14.61	-175.3	+0.000
0905	+23.69	+24.35	+24.56	+24.16	+21.96	+25.52	+23.82	+22.96	+28.87	+18.94	+14.07	-197.4	+0.000
0920	+23.69	+24.35	+24.56	+24.13	+21.91	+27.84	+23.82	+22.96	+28.87	+20.29	+14.13	-224.7	+0.000
0935	+23.69	+24.35	+24.56	+24.09	+21.88	+29.98	+23.81	+22.96	+28.86	+20.56	+14.04	-256.2	+0.000
0950	+23.69	+24.35	+24.56	+24.05	+21.85	+32.30	+23.82	+22.96	+28.87	+21.31	+13.73	-270.5	+0.000
1005	+23.69	+24.35	+24.56	+24.01	+21.86	+34.36	+23.81	+22.95	+28.86	+21.96	+13.42	-271.5	+0.000
1020	+23.69	+24.34	+24.56	+23.97	+21.87	+36.00	+23.81	+22.95	+28.87	+22.83	+13.08	-279.1	+0.000
1035	+23.69	+24.34	+24.56	+23.90	+21.88	+37.37	+23.81	+22.95	+28.87	+23.93	+12.66	-288.9	+0.000
1050	+23.69	+24.35	+24.56	+24.01	+21.86	+38.36	+23.81	+22.95	+28.86	+24.77	+12.35	-302.9	+0.000
1105	+23.69	+24.34	+24.56	+23.94	+21.92	+39.08	+23.81	+22.95	+28.87	+25.43	+12.11	-316.5	+0.000
1120	+23.69	+24.34	+24.56	+23.88	+22.06	+40.67	+23.81	+22.95	+28.91	+24.39	+12.49	-329.4	+0.000
1135	+23.68	+24.34	+24.55	+23.80	+22.18	+42.42	+23.81	+22.96	+28.94	+25.43	+12.11	-366.5	+0.000
1150	+23.68	+24.34	+24.55	+23.80	+22.29	+44.88	+23.81	+22.95	+28.94	+26.50	+11.77	-377.8	+0.000
1205	+23.68	+24.34	+24.55	+23.74	+22.44	+47.17	+23.81	+22.95	+28.96	+27.26	+11.40	-387.5	+0.000
1220	+23.68	+24.34	+24.55	+23.68	+22.58	+49.90	+23.81	+22.95	+28.99	+27.31	+11.36	-317.7	+0.000
1235	+23.68	+24.34	+24.55	+23.62	+22.72	+52.54	+23.81	+22.95	+29.01	+27.71	+11.18	-326.7	+0.000
1250	+23.68	+24.34	+24.54	+23.56	+22.86	+55.17	+23.81	+22.95	+29.03	+28.03	+10.91	-359.7	+0.000
1305	+23.68	+24.34	+24.54	+23.50	+23.00	+57.80	+23.80	+22.95	+29.03	+29.12	+10.66	-338.4	+0.000
1320	+23.68	+24.33	+24.54	+23.44	+23.14	+60.43	+23.80	+22.94	+29.03	+29.49	+10.53	-299.7	+0.000
1335	+23.68	+24.33	+24.53	+23.38	+23.28	+63.06	+23.80	+22.94	+29.03	+29.49	+10.53	-299.7	+0.000
1350	+23.68	+24.33	+24.53	+23.32	+23.42	+65.69	+23.80	+22.94	+29.03	+29.49	+10.53	-299.7	+0.000
1400	+23.68	+24.33	+24.53	+23.26	+23.56	+68.32	+23.80	+22.94	+29.03	+29.49	+10.53	-299.7	+0.000

Time	1.0m 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	Air			
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m	1.0m			
1415	+23.68	+24.33	+24.53	+23.65	+23.89	+49.15	+23.80	+22.94	+29.03	+29.47	+10.53	+282.3	+0.000
1430	+23.68	+24.33	+24.53	+23.65	+24.14	+48.24	+23.80	+22.95	+29.04	+29.41	+10.53	+190.8	+0.000
1445	+23.68	+24.33	+24.53	+23.66	+24.39	+45.44	+23.80	+22.95	+29.04	+28.72	+10.77	+148.8	+0.000
1500	+23.68	+24.33	+24.52	+23.67	+24.64	+43.63	+23.80	+22.95	+29.04	+28.44	+10.85	+142.6	+0.000
1515	+23.68	+24.33	+24.52	+23.68	+24.89	+41.96	+23.80	+22.95	+29.05	+28.09	+10.62	+173.8	+0.000
1530	+23.68	+24.33	+24.51	+23.69	+25.13	+42.06	+23.80	+22.95	+29.05	+29.09	+10.62	+173.8	+0.000
1545	+23.68	+24.32	+24.50	+23.71	+25.37	+44.22	+23.80	+22.95	+29.05	+30.29	+10.19	+302.0	+0.000
1600	+23.68	+24.33	+24.50	+23.74	+25.61	+44.41	+23.80	+22.95	+29.05	+29.78	+10.37	+112.4	+0.000
1615	+23.68	+24.33	+24.50	+23.77	+25.85	+43.77	+23.80	+22.95	+29.05	+29.02	+10.31	+154.0	+0.000
1630	+23.68	+24.33	+24.50	+23.80	+26.03	+41.18	+23.79	+22.95	+29.05	+29.08	+10.62	+48.05	+0.000
1645	+23.68	+24.33	+24.48	+23.83	+26.22	+38.66	+23.80	+22.95	+29.05	+28.14	+10.96	+37.04	+0.000
1700	+23.68	+24.33	+24.48	+23.87	+26.41	+36.98	+23.79	+22.95	+29.05	+27.87	+11.05	+32.64	+0.000
1715	+23.68	+24.33	+24.47	+23.91	+26.58	+35.64	+23.80	+22.95	+29.05	+27.82	+11.26	+34.76	+0.000
1730	+23.68	+24.33	+24.47	+23.96	+26.74	+34.34	+23.79	+22.94	+29.05	+26.86	+11.46	+19.34	+0.000
1745	+23.67	+24.32	+24.46	+24.01	+26.87	+32.37	+23.79	+22.94	+29.05	+26.35	+11.66	-15.63	+0.000
1800	+23.68	+24.33	+24.46	+24.05	+27.00	+30.81	+23.79	+22.94	+29.05	+25.60	+11.95	-22.83	+0.000
1815	+23.68	+24.33	+24.45	+24.10	+27.11	+29.73	+23.80	+22.95	+29.06	+26.63	+11.56	-09.25	+0.000
1830	+23.68	+24.33	+24.45	+24.15	+27.20	+28.81	+23.80	+22.95	+29.06	+26.81	+11.49	-38.28	+0.000
1845	+23.68	+24.33	+24.44	+24.20	+27.26	+27.66	+23.80	+22.95	+29.06	+26.81	+11.49	-42.39	+0.000
1900	+23.68	+24.33	+24.44	+24.25	+27.31	+26.44	+23.80	+22.95	+29.06	+26.81	+11.49	-41.83	+0.000
1915	+23.68	+24.33	+24.43	+24.30	+27.34	+25.35	+23.79	+22.95	+29.06	+26.81	+11.49	-40.87	+0.000
1930	+23.69	+24.33	+24.44	+24.36	+27.37	+24.49	+23.80	+22.95	+29.05	+23.57	+12.63	-40.87	+0.000
1945	+23.68	+24.33	+24.43	+24.40	+2								



Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip		
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m				Air	
D 0400	-23.68	-24.31	-24.46	-24.83	-24.20	-11.81	-23.78	-22.95	-29.05	-15.26	-16.08	-34.32	+0.000
D 0415	-23.68	-24.31	-24.46	-24.81	-24.10	-11.68	-23.78	-22.95	-29.05	-15.50	-15.99	-34.18	+0.000
D 0430	-23.68	-24.31	-24.46	-24.78	-24.00	-11.53	-23.78	-22.95	-29.05	-15.75	-16.49	-33.90	+0.000
D 0445	-23.68	-24.31	-24.46	-24.77	-24.00	-11.33	-23.78	-22.95	-29.05	-14.79	-16.32	-34.53	+0.000
D 0500	-23.68	-24.31	-24.47	-24.75	-23.80	-10.90	-23.78	-22.95	-29.05	-13.87	-16.77	-33.56	+0.000
D 0515	-23.69	-24.32	-24.48	-24.73	-23.70	-10.58	-23.78	-22.95	-29.05	-13.56	-16.88	-32.52	+0.000
D 0530	-23.68	-24.31	-24.48	-24.70	-23.60	-10.40	-23.78	-22.95	-29.05	-13.75	-16.75	-32.13	+0.000
D 0545	-23.68	-24.31	-24.48	-24.67	-23.50	-10.10	-23.78	-22.95	-29.05	-13.67	-16.86	-33.04	+0.000
D 0600	-23.68	-24.32	-24.49	-24.65	-23.41	-09.95	-23.78	-22.95	-29.05	-13.49	-17.01	-32.28	+0.000
D 0615	-23.68	-24.32	-24.49	-24.62	-23.31	-09.73	-23.78	-22.95	-29.05	-13.29	-17.16	-31.60	+0.000
D 0630	-23.68	-24.32	-24.50	-24.59	-23.21	-09.57	-23.78	-22.95	-29.05	-13.21	-17.24	-32.25	+0.000
D 0645	-23.69	-24.32	-24.50	-24.56	-23.12	-09.47	-23.78	-22.95	-29.05	-13.14	-17.32	-32.61	+0.000
D 0700	-23.69	-24.32	-24.50	-24.53	-23.02	-09.32	-23.78	-22.95	-29.05	-12.94	-17.49	-30.10	+0.000
D 0715	-23.68	-24.31	-24.50	-24.50	-22.92	-09.16	-23.78	-22.95	-29.05	-12.43	-17.88	-27.17	+0.000
D 0730	-23.68	-24.31	-24.50	-24.47	-22.82	-09.12	-23.78	-22.95	-29.05	-12.53	-17.85	-20.08	+0.000
D 0745	-23.68	-24.31	-24.50	-24.43	-22.73	-09.93	-23.78	-22.95	-29.02	-13.74	-17.27	-14.05	+0.000
D 0800	-23.68	-24.31	-24.51	-24.40	-22.64	-11.38	-23.78	-22.95	-28.99	-14.90	-16.75	-09.06	+0.000
D 0815	-23.68	-24.31	-24.51	-24.36	-22.53	-12.95	-23.77	-22.94	-28.96	-15.95	-16.28	-33.97	+0.000
D 0830	-23.68	-24.31	-24.51	-24.30	-22.42	-14.46	-23.77	-22.94	-28.94	-16.81	-15.93	-62.00	+0.000
D 0845	-23.68	-24.31	-24.52	-24.30	-22.35	-16.65	-23.77	-22.94	-28.92	-18.36	-15.24	-088.7	+0.000
D 0900	-23.68	-24.30	-24.51	-24.26	-22.28	-18.95	-23.77	-22.94	-28.91	-18.93	-14.93	-123.6	+0.000
D 0915	-23.68	-24.31	-24.52	-24.23	-22.19	-21.24	-23.76	-22.93	-28.89	-19.22	-14.81	-148.5	+0.000
D 0930	-23.68	-24.31	-24.52	-24.19	-22.12	-23.53	-23.77	-22.94	-28.88	-19.70	-14.68	-171.6	+0.000
D 0945	-23.68	-24.30	-24.52	-24.15	-22.06	-25.78	-23.77	-22.93	-28.87	-20.03	-14.66	-194.4	+0.000
D 1000	-23.68	-24.30	-24.52	-24.11	-22.01	-28.08	-23.76	-22.93	-28.86	-20.25	-14.60	-211.7	+0.000
D 1015	-23.67	-24.29	-24.52	-24.07	-21.97	-30.36	-23.76	-22.94	-28.86	-20.72	-14.30	-246.3	+0.000
D 1030	-23.67	-24.30	-24.52	-24.04	-21.96	-32.52	-23.76	-22.94	-28.86	-21.29	-14.02	-279.4	+0.000
D 1045	-23.68	-24.30	-24.53	-24.03	-21.96	-34.76	-23.76	-22.93	-28.86	-21.95	-13.79	-361.3	+0.000
D 1100	-23.67	-24.30	-24.53	-23.97	-21.98	-36.41	-23.76	-22.93	-28.87	-22.73	-13.39	-298.7	+0.000
D 1115	-23.67	-24.29	-24.52	-23.93	-22.02	-38.29	-23.76	-22.93	-28.89	-23.70	-12.87	-277.1	+0.000
D 1130	-23.68	-24.29	-24.52	-23.90	-22.09	-40.20	-23.76	-22.93	-28.90	-24.69	-12.50	-319.1	+0.000
D 1145	-23.67	-24.29	-24.52	-23.86	-22.17	-42.27	-23.76	-22.93	-28.92	-25.57	-12.17	-333.1	+0.000
D 1200	-23.67	-24.29	-24.51	-23.77	-22.56	-46.18	-23.76	-22.93	-28.97	-27.36	-11.44	-326.9	+0.000
D 1215	-23.67	-24.29	-24.52	-23.75	-22.72	-47.07	-23.76	-22.93	-28.97	-28.93	-11.15	-333.5	+0.000
D 1230	-23.67	-24.29	-24.51	-23.71	-23.10	-48.51	-23.76	-22.93	-28.98	-28.38	-11.04	-331.3	+0.000
D 1245	-23.67	-24.29	-24.51	-23.69	-23.32	-48.92	-23.76	-22.93	-28.99	-28.79	-11.03	-332.7	+0.000
D 1300	-23.67	-24.28	-24.50	-23.69	-23.54	-49.32	-23.75	-22.93	-28.99	-29.19	-10.66	-318.9	+0.000
D 1315	-23.66	-24.28	-24.49	-23.66	-23.77	-49.64	-23.75	-22.93	-28.99	-29.41	-10.06	-299.0	+0.000
D 1330	-23.66	-24.28	-24.49	-23.65	-24.01	-50.00	-23.75	-22.93	-28.99	-29.72	-10.45	-301.9	+0.000
D 1345	-23.66	-24.28	-24.49	-23.66	-24.28	-50.13	-23.75	-22.93	-29.00	-30.01	-10.39	-288.5	+0.000
D 1360	-23.67	-24.28	-24.48	-23.67	-24.54	-49.51	-23.75	-22.93	-29.00	-29.99	-10.41	-281.4	+0.000
D 1375	-23.67	-24.28	-24.48	-23.68	-24.81	-48.67	-23.75	-22.93	-29.00	-30.07	-10.38	-268.2	+0.000
D 1390	-23.67	-24.28	-24.48	-23.69	-25.34	-44.55	-23.75	-22.93	-29.00	-30.15	-10.34	-241.1	+0.000
D 1405	-23.67	-24.28	-24.48	-23.70	-25.34	-46.33	-23.75	-22.93	-29.01	-30.22	-10.39	-216.1	+0.000
D 1420	-23.67	-24.28	-24.47	-23.73	-25.59	-46.12	-23.75	-22.93	-29.01	-30.40	-10.21	-220.0	+0.000
D 1435	-23.67	-24.28	-24.47	-23.76	-25.85	-45.73	-23.74	-22.92	-29.00	-30.69	-10.10	-197.1	+0.000
D 1450	-23.67	-24.28	-24.46	-23.79	-26.10	-45.02	-23.75	-22.93	-29.01	-30.77	-10.06	-179.0	+0.000
D 1465	-23.67	-24.28	-24.46	-23.80	-26.34	-44.51	-23.75	-22.93	-29.01	-30.50	-10.16	-170.9	+0.000
D 1480	-23.67	-24.28	-24.45	-23.87	-26.56	-43.73	-23.74	-22.92	-29.01	-31.11	-09.95	-137.3	+0.000
D 1495	-23.67	-24.28	-24.45	-23.90	-26.78	-42.19	-23.75	-22.93	-29.01	-30.67	-10.10	-112.8	+0.000
D 1510	-23.67	-24.28	-24.44	-23.95	-26.97	-40.89	-23.75	-22.93	-29.01	-30.37	-10.21	-082.4	+0.000
D 1525	-23.66	-24.27	-24.43	-24.00	-27.16	-39.39	-23.74	-22.92	-29.00	-30.03	-10.34	-48.03	+0.000
D 1540	-23.66	-24.27	-24.43	-24.05	-27.34	-37.76	-23.74	-22.92	-29.01	-30.04	-10.33	-22.63	+0.000
D 1555	-23.66	-24.27	-24.42	-24.10	-27.50	-35.96	-23.75	-22.93	-29.02	-28.98	-10.71	-29.04	+0.000
D 1600	-23.66	-24.28	-24.42	-24.16	-27.63	-33.65	-23.75	-22.93	-29.01	-27.61	-11.21	-42.03	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip		
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m				Air	
D 1830	-23.66	-24.28	-24.41	-24.21	-27.75	-31.57	-23.75	-22.93	-29.01	-26.72	-11.53	-42.95	+0.000
D 1845	-23.66	-24.27	-24.41	-24.27	-27.86	-29.82	-23.74	-22.92	-29.01	-25.65	-11.91	-46.94	+0.000
D 1900	-23.66	-24.28	-24.40	-24.33	-27.95	-28.10	-23.74	-22.93	-29.01	-25.65	-11.95	-48.29	+0.000
D 1915	-23.67	-24.28	-24.40	-24.39	-28.01	-27.04	-23.75	-22.93	-29.01	-23.90	-12.56	-48.07	+0.000
D 1930	-23.67	-24.28	-24.40	-24.44	-28.05	-25.81	-23.74	-22.93	-29.01	-23.40	-12.78	-49.11	+0.000
D 1945	-23.67	-24.28	-24.39	-24.50	-28.07	-24.73	-23.74	-22.93	-29.01	-23.07	-12.90	-48.85	+0.000
D 2015	-23.67	-24.28	-24.39	-24.62	-28.06	-23.77	-23.75	-22.93	-29.02	-22.97	-12.95	-51.05	+0.000
D 2030	-23.67	-24.28	-24.39	-24.68	-28.03	-22.64	-23.74	-22.93	-29.01	-22.35	-13.03	-49.03	+0.000
D 2045	-23.67	-24.27	-24.38	-24.77	-27.99	-21.02	-23.73	-22.93	-29.01	-21.45	-13.55	-46.11	+0.000
D 2100	-23.67	-24.28	-24.38	-24.77	-27.92	-21.02	-23.73	-22.92	-29.00	-20.40	-13.93	-45.33	+0.000
D 2115	-23.66	-24.28	-24.37	-24.82	-27.84	-20.30	-23.74	-22.92	-29.01	-20.21	-13.99	-44.30	+0.000
D 2130	-23.67	-24.28	-24.38	-24.87	-27.76	-19.61	-23.74	-22.93	-29.01	-19.75	-14.20	-44.69	+0.000
D 2145	-23.67	-24.28	-24.38	-24.92	-27.67	-19.26	-23.74	-22.93	-29.01	-19.47	-14.20	-44.69	+0.000
D 2200	-23.66	-24.28	-24.38	-24.95	-27.57	-18.89	-23.74	-22.93	-29.01	-20.47	-13.94	-43.25	+0.000
D 2215	-23.66	-24.27	-24.37	-24.99	-27.45	-18.53	-23.74	-22.92	-29.00	-20.29	-14.03	-42.44	+0.000
D 2230	-23.67	-24.28	-24.38	-25.03	-27.35	-18.11	-23.74	-22.92	-29.00	-19.87	-14.18	-42.49	+0.000
D 2245	-23.66	-24.28	-24.38	-25.06	-27.23	-17.50	-23.75	-22.93	-29.01	-19.03	-14.48	-39.76	+0.000
D 2300	-23.67	-24.28	-24.38	-25.08	-27.11	-17.06	-23.74	-22.93	-29.01	-19.24	-14.41	-38.99	+0.000
D 2315	-23.67	-24.28	-24.38	-25.11	-27.00	-16.61	-23.74	-22.93	-29.01	-18.76	-14.60	-39.10	+0.000
D 2330	-23.66	-24.27	-24.38	-25.13	-26.87	-16.09	-23.74	-22.93	-29.01	-18.00	-14.91	-38.93	+0.000
D 2345	-23.67	-24.27	-24.39	-25.15	-26.75	-15.95	-23.74	-22.93	-29.01	-18.21	-14.84	-44.75	+0.000
D 0000	-23.67	-24.27	-24.39	-25.17	-26.62	-16.16	-23.74	-22.93	-29.01	-19.33	-14.43	-42.81	+0.000
# 87 277													
D 0015	-23.67	-24.28	-24.39	-25.19	-26.50	-15.96	-23.74	-22.93	-29.01	-19.22	-14.47	-39.54	+0.000
D 0030	-23.67	-24.28	-24.40	-25.20	-26.37	-15.55	-23.74	-22.92	-29.01	-18.64	-14.68	-39.61	+0.000
D 0045	-23.67	-24.27	-24.40	-25.21	-26.24	-15.23	-23.74	-22.93	-29.01	-17.77	-15.03	-39.89	+0.000
D 0100	-23.67	-24.27	-24.40	-25.21	-26.12	-14.89	-23.74	-22.93	-29.01	-17.77	-15.06	-40.88	+0.000
D 0115	-23.67	-24.27	-										

Time	1.75m 1.0m .5m .25m .125m Surf.					PVC PVC PVC			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m					
D 0830	+23.67	+24.26	+24.53	+24.50	+22.77	+13.73	+23.73	+22.93	+29.00	+15.85	+16.16	+68.70	+0.000
D 0845	+23.66	+24.26	+24.54	+24.53	+22.67	+16.31	+23.73	+22.92	+29.00	+17.73	+15.38	+109.1	+0.000
D 0900	+23.67	+24.26	+24.54	+24.50	+22.67	+18.31	+23.73	+22.92	+29.00	+17.82	+15.37	+127.3	+0.000
D 0915	+23.67	+24.26	+24.55	+24.47	+22.49	+20.36	+23.72	+22.92	+28.99	+17.50	+15.47	+130.5	+0.000
D 0930	+23.66	+24.26	+24.55	+24.43	+22.42	+22.46	+23.72	+22.92	+28.98	+16.92	+15.95	+185.1	+0.000
D 0945	+23.66	+24.26	+24.55	+24.39	+22.35	+24.80	+23.72	+22.91	+28.97	+17.59	+15.67	+198.3	+0.000
D 1000	+23.66	+24.25	+24.55	+24.35	+22.30	+27.34	+23.72	+22.92	+28.97	+19.26	+14.86	+177.4	+0.000
D 1015	+23.66	+24.25	+24.55	+24.33	+22.23	+31.85	+23.71	+22.91	+28.95	+21.34	+13.91	+255.0	+0.000
D 1030	+23.66	+24.25	+24.55	+24.33	+22.23	+33.84	+23.71	+22.91	+28.95	+21.73	+13.75	+282.1	+0.000
D 1045	+23.66	+24.25	+24.55	+24.19	+22.24	+35.57	+23.72	+22.91	+28.96	+22.42	+13.46	+302.5	+0.000
D 1100	+23.66	+24.25	+24.56	+24.16	+22.27	+37.49	+23.71	+22.91	+28.95	+23.48	+13.22	+317.7	+0.000
D 1115	+23.66	+24.25	+24.56	+24.13	+22.33	+39.49	+23.71	+22.91	+28.95	+24.48	+12.58	+327.5	+0.000
D 1130	+23.66	+24.25	+24.56	+24.09	+22.41	+41.13	+23.72	+22.91	+28.97	+25.18	+13.34	+321.7	+0.000
D 1145	+23.66	+24.25	+24.55	+24.05	+22.50	+42.50	+23.72	+22.91	+28.97	+25.72	+12.16	+337.4	+0.000
D 1200	+23.66	+24.25	+24.56	+24.02	+22.63	+43.95	+23.72	+22.91	+28.97	+26.41	+11.84	+343.1	+0.000
D 1215	+23.66	+24.25	+24.55	+23.99	+22.76	+45.06	+23.71	+22.91	+28.97	+26.85	+11.66	+340.1	+0.000
D 1230	+23.66	+24.25	+24.55	+23.96	+22.92	+46.08	+23.71	+22.91	+28.97	+27.50	+11.40	+329.5	+0.000
D 1245	+23.66	+24.25	+24.55	+23.94	+23.09	+46.94	+23.71	+22.91	+28.98	+27.86	+11.25	+331.5	+0.000
D 1300	+23.65	+24.24	+24.54	+23.91	+23.28	+47.73	+23.72	+22.91	+28.98	+28.41	+11.04	+328.4	+0.000
D 1315	+23.65	+24.24	+24.55	+23.90	+23.49	+48.28	+23.71	+22.91	+28.98	+28.78	+10.88	+322.1	+0.000
D 1330	+23.65	+24.23	+24.54	+23.88	+23.70	+49.36	+23.71	+22.91	+28.98	+29.84	+10.44	+312.5	+0.000
D 1345	+23.65	+24.23	+24.54	+23.87	+24.17	+49.69	+23.70	+22.91	+28.98	+29.73	+10.39	+303.8	+0.000
D 1400	+23.65	+24.24	+24.54	+23.87	+24.42	+49.70	+23.71	+22.91	+28.98	+29.73	+10.48	+295.3	+0.000
D 1415	+23.65	+24.24	+24.54	+23.87	+24.42	+49.70	+23.71	+22.91	+28.98	+30.14	+10.32	+287.8	+0.000
D 1430	+23.65	+24.24	+24.53	+23.87	+24.67	+49.31	+23.71	+22.90	+28.97	+30.34	+10.26	+276.5	+0.000
D 1445	+23.65	+24.23	+24.53	+23.87	+24.93	+48.96	+23.72	+22.91	+28.98	+30.56	+10.15	+263.9	+0.000
D 1500	+23.65	+24.23	+24.52	+23.88	+25.18	+49.26	+23.71	+22.91	+28.98	+30.91	+10.04	+240.1	+0.000
D 1515	+23.65	+24.23	+24.52	+23.90	+25.45	+49.16	+23.71	+22.91	+28.98	+31.07	+0.95	+227.6	+0.000
D 1530	+23.65	+24.24	+24.52	+23.92	+25.70	+48.39	+23.70	+22.90	+28.97	+31.18	+0.90	+201.1	+0.000
D 1545	+23.65	+24.24	+24.52	+23.94	+25.96	+47.97	+23.70	+22.91	+28.98	+32.00	+0.60	+185.0	+0.000
D 1600	+23.65	+24.23	+24.51	+23.97	+26.20	+46.89	+23.70	+22.91	+28.98	+31.89	+0.63	+168.7	+0.000
D 1615	+23.65	+24.23	+24.51	+23.97	+26.44	+45.58	+23.71	+22.91	+28.98	+31.75	+0.69	+165.7	+0.000
D 1630	+23.65	+24.23	+24.50	+24.00	+26.68	+44.60	+23.70	+22.91	+28.98	+32.04	+0.60	+131.4	+0.000
D 1645	+23.65	+24.24	+24.50	+24.08	+26.90	+43.10	+23.70	+22.90	+28.98	+31.41	+0.82	+118.2	+0.000
D 1660	+23.65	+24.24	+24.50	+24.13	+27.11	+41.48	+23.71	+22.91	+28.98	+31.11	+0.93	+93.6	+0.000
D 1675	+23.65	+24.23	+24.49	+24.16	+27.31	+39.73	+23.70	+22.91	+28.98	+30.37	+1.02	+66.64	+0.000
D 1700	+23.65	+24.23	+24.48	+24.21	+27.49	+37.59	+23.70	+22.91	+28.98	+29.20	+1.01	+21.62	+0.000
D 1715	+23.65	+24.23	+24.48	+24.26	+27.65	+35.89	+23.70	+22.91	+28.98	+29.04	+1.06	+15.11	+0.000
D 1730	+23.65	+24.24	+24.48	+24.31	+27.80	+33.97	+23.70	+22.91	+28.98	+28.08	+1.09	+23.59	+0.000
D 1745	+23.65	+24.23	+24.47	+24.37	+27.93	+32.06	+23.70	+22.91	+28.98	+27.41	+1.13	+22.00	+0.000
D 1760	+23.65	+24.23	+24.46	+24.42	+28.04	+30.04	+23.71	+22.91	+28.99	+25.39	+1.19	+52.83	+0.000
D 1775	+23.65	+24.23	+24.46	+24.48	+28.13	+28.29	+23.70	+22.90	+28.98	+24.63	+1.28	+55.57	+0.000
D 1790	+23.65	+24.23	+24.45	+24.53	+28.20	+26.89	+23.70	+22.91	+28.98	+23.76	+1.29	+52.51	+0.000
D 1800	+23.65	+24.23	+24.45	+24.53	+28.25	+25.53	+23.70	+22.91	+28.98	+22.55	+1.33	+50.71	+0.000
D 1815	+23.65	+24.23	+24.44	+24.65	+28.27	+24.38	+23.70	+22.91	+28.98	+22.36	+1.35	+51.00	+0.000
D 1830	+23.65	+24.24	+24.44	+24.71	+28.27	+23.44	+23.70	+22.91	+28.98	+22.04	+1.37	+49.12	+0.000
D 1845	+23.65	+24.24	+24.45	+24.78	+28.25	+22.53	+23.71	+22.91	+28.98	+21.81	+1.41	+48.98	+0.000
D 1860	+23.65	+24.24	+24.45	+24.88	+28.17	+21.03	+23.70	+22.90	+28.98	+21.64	+1.36	+46.72	+0.000
D 1875	+23.65	+24.24	+24.45	+24.88	+28.17	+21.03	+23.70	+22.90	+28.98	+21.67	+1.35	+44.93	+0.000
D 1890	+23.65	+24.23	+24.44	+24.93	+28.10	+20.58	+23.70	+22.91	+28.98	+22.11	+1.39	+47.32	+0.000
D 1905	+23.65	+24.23	+24.43	+24.98	+28.03	+20.14	+23.70	+22.91	+28.98	+21.88	+1.37	+46.34	+0.000
D 1920	+23.65	+24.24	+24.44	+25.02	+27.94	+19.77	+23.70	+22.91	+28.98	+21.76	+1.40	+47.48	+0.000
D 1935	+23.65	+24.24	+24.44	+25.11	+27.73	+18.95	+23.70	+22.91	+28.98	+20.54	+1.30	+48.89	+0.000
D 1950	+23.66	+24.24	+24.44	+25.15	+27.62	+18.65	+23.70	+22.91	+28.98	+19.79	+1.28	+48.38	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					PVC PVC PVC			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m					
D 2230	+23.65	+24.24	+24.44	+25.18	+27.50	+18.44	+23.70	+22.91	+28.98	+20.01	+14.00	+49.07	+0.000
D 2245	+23.65	+24.23	+24.44	+25.22	+27.38	+18.32	+23.71	+22.91	+28.98	+20.08	+14.01	+51.55	+0.000
D 2300	+23.65	+24.24	+24.44	+25.24	+27.26	+18.14	+23.70	+22.91	+28.98	+20.10	+14.02	+47.90	+0.000
D 2315	+23.65	+24.24	+24.44	+25.26	+27.14	+17.79	+23.70	+22.90	+28.98	+19.83	+14.13	+45.29	+0.000
D 2330	+23.65	+24.23	+24.44	+25.28	+27.00	+17.51	+23.70	+22.90	+28.97	+20.00	+14.08	+45.77	+0.000
D 2345	+23.65	+24.24	+24.44	+25.30	+26.88	+17.32	+23.70	+22.91	+28.98	+19.78	+14.15	+46.36	+0.000
D 0000	+23.65	+24.24	+24.45	+25.31	+26.75	+17.09	+23.70	+22.91	+28.98	+19.49	+14.25	+46.53	+0.000
D 0015	+23.65	+24.24	+24.45	+25.33	+26.63	+16.83	+23.70	+22.91	+28.98	+19.22	+14.35	+44.97	+0.000
D 0030	+23.65	+24.24	+24.45	+25.34	+26.51	+16.53	+23.69	+22.90	+28.97	+18.94	+14.47	+44.19	+0.000
D 0045	+23.65	+24.23	+24.46	+25.34	+26.39	+16.27	+23.70	+22.91	+28.97	+18.91	+14.47	+45.72	+0.000
D 0100	+23.65	+24.24	+24.46	+25.35	+26.26	+16.06	+23.69	+22.90	+28.97	+18.61	+14.59	+44.54	+0.000
D 0115	+23.65	+24.24	+24.46	+25.35	+26.15	+15.77	+23.70	+22.91	+28.98	+18.10	+14.84	+44.81	+0.000
D 0130	+23.65	+24.23	+24.47	+25.34	+25.92	+15.51	+23.70	+22.91	+28.98	+17.84	+14.97	+46.41	+0.000
D 0145	+23.65	+24.23	+24.48	+25.34	+25.70	+15.25	+23.70	+22.91	+28.98	+17.71	+15.01	+45.50	+0.000
D 0160	+23.65	+24.23	+24.48	+25.34	+25.80	+15.07	+23.70	+22.91	+28.98	+17.55	+15.07	+44.34	+0.000
D 0175	+23.65	+24.23	+24.48	+25.32	+25.68	+14.89	+23.70	+22.90	+28.98	+17.63	+15.02	+45.78	+0.000
D 0190	+23.65	+24.24	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+17.49	+15.09	+49.66	+0.000
D 0205	+23.65	+24.23	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+17.13	+15.23	+46.00	+0.000
D 0220	+23.65	+24.23	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+16.98	+15.28	+44.40	+0.000
D 0235	+23.65	+24.23	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+16.89	+15.31	+43.43	+0.000
D 0250	+23.65	+24.23	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+16.80	+15.34	+44.61	+0.000
D 0265	+23.65	+24.23	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+16.70	+15.37	+44.91	+0.000
D 0280	+23.65	+24.23	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+16.60	+15.40	+44.34	+0.000
D 0295	+23.65	+24.23	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+16.50	+15.43	+44.61	+0.000
D 0310	+23.65	+24.23	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+16.40	+15.46	+44.34	+0.000
D 0325	+23.65	+24.23	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+16.30	+15.49	+44.34	+0.000
D 0340	+23.65	+24.23	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+16.20	+15.52	+44.34	+0.000
D 0355	+23.65	+24.23	+24.49	+25.32	+25.58	+14.82	+23.70	+22.91	+28.98	+16.10	+15.55	+44.34	+0.000
D 0410	+23.65	+24.23	+24.49	+25.32									

Time	1.75m					1.0m			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
D 1215	+23.64	+24.22	+24.61	+24.20	+22.88	+41.89	+23.68	+22.89	+28.97	+24.29	+12.65	+346.6	+0.000		
D 1230	+23.64	+24.22	+24.62	+24.17	+23.00	+42.88	+23.68	+22.89	+28.97	+25.22	+12.25	+341.1	+0.000		
D 1245	+23.64	+24.21	+24.61	+24.14	+23.14	+43.88	+23.68	+22.89	+28.97	+25.53	+12.11	+333.6	+0.000		
D 1300	+23.64	+24.21	+24.61	+24.10	+23.31	+44.44	+23.68	+22.89	+28.97	+26.16	+11.84	+333.7	+0.000		
D 1315	+23.64	+24.21	+24.61	+24.09	+23.67	+46.22	+23.68	+22.89	+28.96	+26.25	+11.81	+330.5	+0.000		
D 1330	+23.64	+24.21	+24.61	+24.07	+23.87	+46.32	+23.68	+22.89	+28.96	+26.26	+11.83	+321.4	+0.000		
D 1345	+23.64	+24.21	+24.61	+24.05	+24.30	+46.66	+23.68	+22.89	+28.96	+26.94	+11.57	+301.4	+0.000		
D 1400	+23.64	+24.21	+24.61	+24.05	+24.30	+46.66	+23.68	+22.89	+28.96	+27.04	+11.53	+293.7	+0.000		
D 1415	+23.64	+24.21	+24.61	+24.05	+24.30	+46.66	+23.68	+22.89	+28.96	+27.27	+11.42	+279.0	+0.000		
D 1430	+23.64	+24.21	+24.61	+24.04	+24.75	+46.37	+23.68	+22.89	+28.96	+27.56	+11.30	+258.3	+0.000		
D 1445	+23.64	+24.21	+24.60	+24.04	+24.75	+46.37	+23.68	+22.89	+28.96	+27.56	+11.30	+258.3	+0.000		
D 1500	+23.64	+24.21	+24.60	+24.05	+24.98	+45.93	+23.67	+22.88	+28.96	+27.53	+11.31	+256.3	+0.000		
D 1515	+23.63	+24.21	+24.59	+24.05	+25.22	+45.18	+23.68	+22.89	+28.96	+27.76	+11.21	+235.5	+0.000		
D 1530	+23.64	+24.21	+24.59	+24.07	+25.45	+44.58	+23.67	+22.89	+28.96	+27.76	+11.21	+222.4	+0.000		
D 1545	+23.63	+24.20	+24.58	+24.08	+25.68	+43.69	+23.67	+22.88	+28.96	+27.99	+11.13	+201.8	+0.000		
D 1600	+23.63	+24.20	+24.58	+24.08	+25.68	+43.69	+23.67	+22.88	+28.96	+27.99	+11.13	+201.8	+0.000		
D 1615	+23.63	+24.21	+24.57	+24.12	+26.13	+41.69	+23.68	+22.88	+28.96	+27.87	+11.18	+180.7	+0.000		
D 1630	+23.63	+24.20	+24.56	+24.15	+26.34	+40.58	+23.67	+22.88	+28.96	+27.68	+11.24	+174.8	+0.000		
D 1645	+23.64	+24.21	+24.57	+24.19	+26.55	+39.37	+23.68	+22.89	+28.96	+27.55	+11.29	+153.7	+0.000		
D 1700	+23.63	+24.21	+24.56	+24.22	+26.74	+38.03	+23.66	+22.89	+28.96	+27.18	+11.42	+99.7	+0.000		
D 1715	+23.63	+24.21	+24.56	+24.22	+26.74	+38.03	+23.66	+22.89	+28.96	+27.18	+11.42	+99.7	+0.000		
D 1730	+23.63	+24.21	+24.55	+24.19	+27.08	+35.11	+23.67	+22.88	+28.96	+27.15	+11.43	+63.77	+0.000		
D 1745	+23.63	+24.20	+24.55	+24.33	+27.24	+33.62	+23.68	+22.88	+28.97	+26.52	+11.88	+16.93	+0.000		
D 1800	+23.64	+24.21	+24.54	+24.38	+27.38	+32.03	+23.67	+22.88	+28.96	+25.13	+12.16	+36.33	+0.000		
D 1815	+23.64	+24.21	+24.54	+24.43	+27.59	+28.77	+23.68	+22.89	+28.97	+24.17	+12.53	+42.36	+0.000		
D 1830	+23.64	+24.21	+24.54	+24.43	+27.59	+28.77	+23.68	+22.89	+28.96	+23.29	+12.89	+48.55	+0.000		
D 1845	+23.64	+24.21	+24.53	+24.52	+27.67	+27.14	+23.68	+22.89	+28.96	+22.97	+12.97	+50.63	+0.000		
D 1900	+23.64	+24.21	+24.53	+24.57	+27.73	+25.69	+23.68	+22.89	+28.96	+21.98	+13.30	+48.47	+0.000		
D 1915	+23.64	+24.21	+24.53	+24.63	+27.78	+24.38	+23.68	+22.89	+28.97	+21.57	+13.46	+46.40	+0.000		
D 1930	+23.64	+24.21	+24.53	+24.68	+27.83	+23.33	+23.68	+22.89	+28.96	+21.42	+13.56	+44.54	+0.000		
D 1945	+23.64	+24.21	+24.52	+24.72	+27.81	+22.43	+23.68	+22.89	+28.96	+21.40	+13.56	+44.54	+0.000		
D 2000	+23.64	+24.21	+24.51	+24.77	+27.80	+21.65	+23.67	+22.88	+28.96	+21.40	+13.56	+44.54	+0.000		
D 2015	+23.64	+24.21	+24.51	+24.82	+27.77	+20.90	+23.68	+22.89	+28.97	+20.92	+13.74	+41.91	+0.000		
D 2030	+23.64	+24.21	+24.51	+24.87	+27.72	+20.22	+23.68	+22.89	+28.97	+20.91	+13.74	+41.91	+0.000		
D 2045	+23.64	+24.21	+24.50	+24.91	+27.66	+19.76	+23.68	+22.89	+28.97	+20.70	+13.83	+41.14	+0.000		
D 2100	+23.64	+24.22	+24.51	+24.95	+27.59	+19.28	+23.68	+22.89	+28.97	+20.48	+13.94	+40.44	+0.000		
D 2115	+23.64	+24.22	+24.51	+25.00	+27.51	+18.85	+23.68	+22.89	+28.97	+20.29	+14.02	+40.47	+0.000		
D 2130	+23.64	+24.21	+24.50	+25.03	+27.41	+18.50	+23.67	+22.89	+28.97	+20.04	+14.12	+40.51	+0.000		
D 2145	+23.64	+24.21	+24.50	+25.07	+27.31	+18.15	+23.67	+22.89	+28.96	+20.39	+13.99	+41.41	+0.000		
D 2200	+23.63	+24.21	+24.50	+25.10	+27.20	+17.83	+23.67	+22.89	+28.96	+20.36	+14.00	+40.93	+0.000		
D 2215	+23.64	+24.21	+24.50	+25.15	+27.08	+17.61	+23.68	+22.89	+28.97	+19.93	+14.15	+39.22	+0.000		
D 2230	+23.64	+24.21	+24.50	+25.18	+26.96	+17.49	+23.68	+22.89	+28.97	+19.05	+14.47	+37.22	+0.000		
D 2245	+23.64	+24.22	+24.51	+25.18	+26.86	+16.54	+23.68	+22.89	+28.97	+18.05	+14.81	+38.43	+0.000		
D 2300	+23.64	+24.22	+24.51	+25.20	+26.74	+15.98	+23.68	+22.89	+28.97	+17.93	+14.94	+36.28	+0.000		
D 2315	+23.64	+24.21	+24.50	+25.21	+26.61	+15.36	+23.68	+22.89	+28.98	+18.73	+14.65	+37.80	+0.000		
D 2330	+23.64	+24.22	+24.51	+25.24	+26.46	+15.27	+23.67	+22.89	+28.98	+18.83	+14.61	+36.75	+0.000		
D 2345	+23.64	+24.21	+24.51	+25.24	+26.34	+14.94	+23.67	+22.88	+28.97	+18.31	+14.80	+36.79	+0.000		
D 0005	+23.64	+24.21	+24.51	+25.25	+26.24	+14.94	+23.67	+22.88	+28.97	+17.55	+15.07	+35.81	+0.000		
D 0015	+23.63	+24.21	+24.51	+25.25	+26.11	+14.52	+23.68	+22.89	+28.97	+17.67	+15.03	+36.16	+0.000		
D 0030	+23.64	+24.21	+24.51	+25.25	+25.99	+14.36	+23.67	+22.88	+28.96	+17.67	+15.03	+36.16	+0.000		
D 0045	+23.64	+24.21	+24.51	+25.25	+25.87	+14.29	+23.68	+22.89	+28.97	+17.55	+15.24	+37.31	+0.000		
D 0100	+23.64	+24.22	+24.52	+25.26	+25.74	+14.29	+23.68	+22.89	+28.96	+16.93	+15.34	+37.01	+0.000		
D 0115	+23.64	+24.22	+24.52	+25.25	+25.62	+13.80	+23.68	+22.89	+28.96	+16.93	+15.36	+36.77	+0.000		
D 0130	+23.64	+24.21	+24.53	+25.23	+25.38	+13.80	+23.68	+22.89	+28.97	+16.07	+15.67	+36.35	+0.000		
D 0145	+23.64	+24.21	+24.53	+25.23	+25.38	+13.28	+23.68	+22.89	+28.97	+16.07	+15.67	+36.35	+0.000		

Time	1.75m					1.0m			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
D 0200	+23.64	+24.21	+24.53	+25.22	+25.26	+12.88	+23.67	+22.88	+28.96	+15.78	+15.77	+36.10	+0.000		
D 0215	+23.64	+24.21	+24.53	+25.21	+25.14	+12.59	+23.68	+22.89	+28.97	+15.63	+15.83	+35.35	+0.000		
D 0230	+23.63	+24.21	+24.54	+25.20	+25.04	+12.16	+23.68	+22.89	+28.97	+15.51	+15.90	+35.66	+0.000		
D 0245	+23.63	+24.21	+24.54	+25.19	+24.94	+11.66	+23.68	+22.89	+28.97	+15.22	+16.06	+34.87	+0.000		
D 0300	+23.63	+24.21	+24.54	+25.16	+24.79	+12.03	+23.67	+22.89	+28.97	+14.89	+16.21	+34.69	+0.000		
D 0315	+23.63	+24.21	+24.55	+25.14	+24.68	+11.85	+23.67	+22.89	+28.97	+14.89	+16.36	+35.05	+0.000		
D 0330	+23.63	+24.21	+24.55	+25.12	+24.56	+11.56	+23.68	+22.89	+28.97	+14.13	+16.50	+34.41	+0.000		
D 0345	+23.63	+24.21	+24.56	+25.11	+24.45	+11.27	+23.68	+22.89	+28.97	+13.60	+16.73	+34.33	+0.000		
D 0400	+23.64	+24.21	+24.56	+25.08	+24.34	+10.93	+23.68	+22.89	+28.97	+12.92	+17.03	+34.14	+0.000		
D 0415	+23.64	+24.22	+24.57	+25.07	+24.24	+10.61	+23.68	+22.89	+28.97	+12.81	+17.13	+34.04	+0.000		
D 0430	+23.64	+24.21	+24.57	+25.04	+24.13	+10.34	+23.68	+22.89	+28.96	+12.55	+17.14	+34.60	+0.000		
D 0445	+23.64	+24.21	+24.57	+25.01	+24.02	+10.04	+23.67	+22.88	+28.96	+12.01	+17.44	+34.79	+0.000		
D 0500	+23.64	+24.22	+24.58	+24.98	+23.91	+9.72	+23.67	+22.89	+28.97	+11.16	+17.47	+34.22	+0.000		
D 0515	+23.64	+24.22	+24.58	+24.96	+23.81	+9.64	+23.68	+22.89	+28.97	+12.74	+17.26	+32.31	+0.000		
D 0530	+23.64	+24.21	+24.58	+24.92	+23.69	+9.44	+23.68	+22.89	+28.97	+12.35	+17.38	+34.13	+0.000		
D 0545	+23.64	+24.21	+24.58	+24.89	+23.59	+9.15	+23.67	+22.89	+28.97	+11.76	+17.89	+34.13	+0.000		
D 0600	+23.64	+24.21	+24.58	+24.86	+23.49	+8.86	+23.68	+22.89	+28.97	+11.72	+17.72	+33.41	+0.000		
D 0615	+23.64	+24.21	+24.59	+24.83	+23.38	+8.68	+23.68	+22.89	+28.97	+11.88	+17.66	+32.80	+0.000		
D 0630	+23.64	+24.22	+24.60	+24.80	+23.27	+8.60	+23.68	+22.89	+28.97	+11.79	+17.71	+32.48	+0.000		
D 0645	+23.64	+24.21	+24.59	+24.76	+23.17	+8.41	+23.67	+22.89	+28.97	+11.45	+17.92	+31.37	+0.000		
D 0700	+23.64	+24.21	+24.60	+24.73	+23.06	+8.21	+23.67	+22.88	+28.97	+11.60	+17.89	+28.16	+0.000		
D 0715	+23.64	+24.21	+24.60	+24.70	+22.96	+8.14	+23.68	+22.89	+28.98	+11.50	+17.89	+21.34	+0.000		
D 0730	+23.63	+24.21	+24.60	+24.66	+22.86	+8.03	+23.68	+22.89	+28.98	+13.20	+17.20	+18.92	+0.000		
D 0745	+23.64	+24.21	+24.61	+24.63	+22.76	+8.00	+23.67	+22.89	+28.98	+14.13	+16.85	+0.472	+0.000		
D 0800	+23.64	+24.21	+24.61	+24.63	+22.66	+8.00	+23.67	+22.89	+28.98	+15.21	+16.38	+28.11	+0.000		
D 0815	+23.63	+24.21	+24.61	+24.61	+22.55	+11.54	+23.68	+22.89	+28.97	+15.21	+16.38	+28.11	+0.000		
D 0830	+23.63	+24.21	+24.61	+24.61	+22.45	+13.02	+23.67	+22.88	+28.97	+15.68	+16.15	+55.92			



Time	1.75m 1.0m .5m .25m .125m Surf.				1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip			
	Soil	Soil	Soil	Soil	PVC	PVC	PVC				Air		
D 1600	+23.63	+24.19	+24.55	+23.82	+25.57	+43.73	+23.66	+22.87	+28.96	+29.78	+10.40	+184.1	+0.000
D 1615	+23.62	+24.19	+24.54	+23.81	+25.50	+43.59	+23.65	+22.86	+28.95	+29.16	+10.24	+155.9	+0.000
D 1630	+23.62	+24.19	+24.54	+23.88	+26.04	+43.91	+23.66	+22.87	+28.96	+29.86	+10.36	+156.3	+0.000
D 1645	+23.62	+24.19	+24.53	+23.91	+26.25	+41.70	+23.66	+22.86	+28.95	+29.71	+10.46	+137.7	+0.000
D 1700	+23.62	+24.19	+24.53	+23.95	+26.45	+39.87	+23.66	+22.86	+28.95	+29.16	+10.63	+112.7	+0.000
D 1715	+23.62	+24.19	+24.52	+23.99	+26.65	+38.15	+23.66	+22.87	+28.96	+28.83	+10.76	+087.1	+0.000
D 1730	+23.62	+24.19	+24.53	+24.03	+26.93	+36.56	+23.66	+22.86	+28.95	+28.36	+10.97	+65.53	+0.000
D 1745	+23.62	+24.19	+24.51	+24.07	+26.99	+35.11	+23.66	+22.86	+28.96	+28.11	+11.22	+12.50	+0.000
D 1800	+23.62	+24.19	+24.50	+24.12	+27.15	+33.03	+23.66	+22.87	+28.96	+26.30	+11.73	+22.72	+0.000
D 1815	+23.62	+24.19	+24.50	+24.17	+27.28	+31.28	+23.66	+22.87	+28.96	+26.29	+11.88	+24.38	+0.000
D 1830	+23.62	+24.19	+24.49	+24.22	+27.40	+29.79	+23.66	+22.87	+28.96	+25.39	+12.01	+37.83	+0.000
D 1845	+23.62	+24.19	+24.48	+24.32	+27.57	+26.88	+23.66	+22.87	+28.96	+24.70	+12.25	+44.14	+0.000
D 1900	+23.62	+24.19	+24.49	+24.38	+27.64	+25.49	+23.66	+22.87	+28.96	+23.19	+11.83	+48.38	+0.000
D 1915	+23.62	+24.19	+24.47	+24.43	+27.66	+24.22	+23.66	+22.87	+28.97	+22.49	+13.11	+48.37	+0.000
D 1930	+23.62	+24.19	+24.46	+24.48	+27.68	+23.20	+23.66	+22.87	+28.96	+22.22	+13.20	+49.30	+0.000
D 1945	+23.62	+24.19	+24.46	+24.44	+27.69	+22.55	+23.66	+22.87	+28.96	+22.64	+13.03	+48.29	+0.000
D 2000	+23.62	+24.19	+24.45	+24.58	+27.65	+21.93	+23.66	+22.87	+28.96	+22.55	+13.81	+42.61	+0.000
D 2015	+23.62	+24.19	+24.45	+24.64	+27.62	+21.21	+23.65	+22.86	+28.95	+21.93	+13.26	+44.03	+0.000
D 2030	+23.62	+24.19	+24.45	+24.69	+27.58	+20.37	+23.66	+22.87	+28.96	+20.41	+13.82	+43.72	+0.000
D 2045	+23.62	+24.19	+24.44	+24.73	+27.50	+19.82	+23.66	+22.87	+28.96	+20.85	+13.70	+46.86	+0.000
D 2100	+23.62	+24.19	+24.44	+24.78	+27.43	+19.50	+23.66	+22.87	+28.96	+20.90	+13.69	+43.73	+0.000
D 2115	+23.62	+24.19	+24.44	+24.82	+27.34	+18.91	+23.66	+22.87	+28.96	+20.65	+13.77	+42.47	+0.000
D 2130	+23.62	+24.19	+24.44	+24.86	+27.26	+18.50	+23.66	+22.86	+28.96	+20.52	+13.82	+42.48	+0.000
D 2145	+23.62	+24.19	+24.44	+24.90	+27.15	+18.14	+23.66	+22.87	+28.96	+20.42	+13.86	+42.70	+0.000
D 2200	+23.62	+24.19	+24.44	+24.97	+27.04	+17.86	+23.66	+22.86	+28.96	+20.05	+13.99	+40.00	+0.000
D 2215	+23.62	+24.19	+24.44	+24.99	+26.82	+17.40	+23.66	+22.87	+28.96	+18.99	+14.37	+39.26	+0.000
D 2230	+23.62	+24.19	+24.44	+24.99	+26.82	+16.97	+23.66	+22.87	+28.96	+18.54	+14.54	+36.79	+0.000
D 2245	+23.62	+24.19	+24.43	+25.01	+26.70	+16.33	+23.66	+22.87	+28.97	+18.56	+14.54	+36.79	+0.000
D 2300	+23.62	+24.19	+24.44	+25.03	+26.58	+16.25	+23.66	+22.87	+28.96	+19.01	+14.35	+32.76	+0.000
D 2315	+23.62	+24.19	+24.44	+25.05	+26.47	+16.25	+23.66	+22.87	+28.97	+19.28	+14.21	+31.75	+0.000
D 2330	+23.62	+24.19	+24.44	+25.07	+26.34	+16.13	+23.66	+22.87	+28.96	+19.39	+14.17	+32.36	+0.000
D 2345	+23.62	+24.19	+24.44	+25.07	+26.21	+15.84	+23.66	+22.87	+28.97	+19.35	+14.19	+32.20	+0.000
D 0000	+23.62	+24.20	+24.44	+25.09	+26.10	+15.73	+23.66	+22.86	+28.96	+19.39	+14.19	+29.23	+0.000
D 0015	+23.62	+24.20	+24.45	+25.10	+25.98	+15.52	+23.66	+22.87	+28.96	+18.72	+14.47	+34.45	+0.000
D 0030	+23.62	+24.20	+24.45	+25.10	+25.85	+15.22	+23.66	+22.87	+28.96	+18.12	+14.73	+33.56	+0.000
D 0045	+23.62	+24.20	+24.45	+25.11	+25.73	+14.99	+23.66	+22.87	+28.96	+17.52	+14.94	+35.36	+0.000
D 0100	+23.62	+24.20	+24.46	+25.11	+25.62	+14.99	+23.66	+22.87	+28.96	+16.97	+15.12	+36.47	+0.000
D 0115	+23.62	+24.20	+24.46	+25.10	+25.50	+13.93	+23.66	+22.87	+28.96	+16.78	+15.22	+35.82	+0.000
D 0130	+23.62	+24.20	+24.45	+25.10	+25.39	+13.52	+23.66	+22.87	+28.96	+16.04	+15.19	+34.99	+0.000
D 0145	+23.62	+24.20	+24.46	+25.10	+25.29	+13.20	+23.66	+22.86	+28.96	+16.79	+15.20	+35.50	+0.000
D 0200	+23.62	+24.20	+24.46	+25.08	+25.16	+12.70	+23.66	+22.86	+28.96	+16.44	+15.44	+36.88	+0.000
D 0215	+23.62	+24.20	+24.46	+25.08	+25.16	+12.20	+23.66	+22.87	+28.96	+16.41	+15.31	+34.20	+0.000
D 0230	+23.62	+24.19	+24.46	+25.07	+25.04	+12.48	+23.66	+22.87	+28.96	+16.41	+15.31	+34.20	+0.000
D 0245	+23.62	+24.20	+24.47	+25.05	+24.93	+12.18	+23.66	+22.86	+28.95	+16.28	+15.36	+34.66	+0.000
D 0300	+23.62	+24.20	+24.47	+25.04	+24.82	+11.93	+23.66	+22.87	+28.96	+15.96	+15.49	+35.28	+0.000
D 0315	+23.62	+24.20	+24.47	+25.04	+24.71	+11.66	+23.66	+22.87	+28.96	+15.43	+15.71	+34.08	+0.000
D 0330	+23.62	+24.20	+24.48	+25.01	+24.59	+11.40	+23.66	+22.87	+28.96	+14.69	+16.03	+33.07	+0.000
D 0345	+23.62	+24.20	+24.49	+24.99	+24.49	+11.26	+23.67	+22.87	+28.97	+14.69	+16.03	+33.07	+0.000
D 0400	+23.62	+24.20	+24.49	+24.97	+24.37	+11.12	+23.66	+22.87	+28.96	+14.59	+16.06	+31.71	+0.000
D 0415	+23.62	+24.20	+24.49	+24.94	+24.26	+11.01	+23.66	+22.87	+28.96	+14.58	+16.10	+33.52	+0.000
D 0430	+23.62	+24.20	+24.49	+24.94	+24.19	+10.74	+23.66	+22.87	+28.96	+14.19	+16.28	+33.49	+0.000
D 0445	+23.62	+24.20	+24.50	+24.91	+24.04	+10.53	+23.66	+22.87	+28.96	+13.73	+16.45	+33.21	+0.000
D 0500	+23.62	+24.19	+24.50	+24.88	+23.92	+10.29	+23.66	+22.87	+28.96	+13.83	+16.31	+33.21	+0.000
D 0515	+23.62	+24.19	+24.51	+24.85	+23.82	+10.11	+23.66	+22.86	+28.96	+14.11	+16.31	+32.97	+0.000
D 0530	+23.62	+24.20	+24.51	+24.82	+23.71	+10.01	+23.66	+22.87	+28.96	+14.08	+16.33	+32.52	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.				1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip			
	Soil	Soil	Soil	Soil	PVC	PVC	PVC				Air		
D 0545	+23.63	+24.19	+24.51	+24.80	+23.60	+09.84	+23.66	+22.87	+28.96	+14.11	+16.32	+32.05	+0.000
D 0600	+23.62	+24.19	+24.51	+24.76	+23.49	+09.67	+23.66	+22.87	+28.96	+13.84	+16.41	+31.09	+0.000
D 0615	+23.62	+24.20	+24.52	+24.74	+23.39	+09.48	+23.65	+22.86	+28.95	+13.46	+16.55	+32.51	+0.000
D 0630	+23.62	+24.20	+24.52	+24.71	+23.29	+09.37	+23.66	+22.87	+28.96	+13.47	+16.54	+31.76	+0.000
D 0645	+23.62	+24.19	+24.53	+24.68	+23.18	+09.38	+23.66	+22.87	+28.96	+14.13	+16.37	+31.66	+0.000
D 0700	+23.62	+24.19	+24.54	+24.64	+23.08	+09.27	+23.66	+22.87	+28.96	+13.86	+16.49	+31.48	+0.000
D 0715	+23.62	+24.20	+24.53	+24.62	+22.98	+09.08	+23.66	+22.87	+28.96	+13.35	+16.67	+29.13	+0.000
D 0730	+23.62	+24.19	+24.53	+24.56	+22.88	+09.05	+23.66	+22.87	+28.96	+13.09	+16.79	+28.32	+0.000
D 0745	+23.62	+24.19	+24.53	+24.54	+22.78	+09.47	+23.66	+22.87	+28.96	+13.57	+16.66	+18.57	+0.000
D 0800	+23.62	+24.19	+24.54	+24.51	+22.68	+10.60	+23.66	+22.87	+28.96	+14.52	+16.35	+0.647	+0.000
D 0815	+23.62	+24.20	+24.54	+24.47	+22.58	+11.94	+23.66	+22.86	+28.96	+14.58	+16.42	+24.45	+0.000
D 0830	+23.62	+24.19	+24.54	+24.44	+22.49	+13.38	+23.66	+22.87	+28.96	+16.54	+16.50	+48.65	+0.000
D 0845	+23.62	+24.19	+24.54	+24.40	+22.40	+15.43	+23.66	+22.86	+28.96	+16.54	+16.50	+48.65	+0.000
D 0900	+23.62	+24.18	+24.54	+24.36	+22.30	+17.54	+23.65	+22.86	+28.95	+16.86	+16.51	+111.8	+0.000
D 0915	+23.61	+24.18	+24.54	+24.32	+22.22	+19.69	+23.66	+22.86	+28.95	+17.50	+15.27	+137.7	+0.000
D 0930	+23.62	+24.19	+24.54	+24.25	+22.15	+21.89	+23.66	+22.86	+28.93	+18.19	+14.99	+157.8	+0.000
D 0945	+23.62	+24.19	+24.55	+24.25	+22.08	+23.98	+23.65	+22.86	+28.96	+18.66	+14.90	+180.0	+0.000
D 1000	+23.62	+24.19	+24.55	+24.21	+22.03	+26.19	+23.65	+22.86	+28.96	+19.01	+14.99	+194.8	+0.000
D 1015	+23.62	+24.18	+24.54	+24.17	+21.98	+28.60	+23.65	+22.86	+28.90	+20.48	+14.14	+232.0	+0.000
D 1030	+23.62	+24.18	+24.55	+24.13	+21.95	+30.66	+23.65	+22.86	+28.90	+20.89	+14.02	+252.2	+0.000
D 1045	+23.62	+24.19	+24.55	+24.09	+21.95	+32.68	+23.65	+22.86	+28.90	+21.31	+13.81	+269.5	+0.000
D 1100	+23.62	+24.19	+24.55	+24.05	+21.96	+34.66	+23.65	+22.86	+28.90	+21.86	+13.59	+283.4	+0.000
D 1115	+23.62	+24.18	+24.55	+24.01	+21.99	+36.46	+23.64	+22.85	+28.90	+22.78	+13.30	+291.6	+0.000
D 1130	+23.62	+24.18	+24.55	+23.98	+22.05	+38.23	+23.65	+22.85	+28.91	+23.46	+13.07	+303.2	+0.000
D 1145	+23.62	+24.18	+24.55	+23.94	+22.12	+39.65	+23.65	+22.85	+28.91	+24.01	+12.85	+314.0	+0.000
D 1200	+23.62	+24.18	+24.54	+23.91	+22.21	+41.15	+23.65	+22.86	+28.93	+24.66	+12.54	+321.0	+0.000
D 1215	+23.62	+24.18	+24.55	+23.87	+22.32	+42.63	+23.65	+22.85	+28.93	+25.57	+12.18	+323.6	+0.000
D 1													

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m				
D 1945	23.61	24.17	24.41	24.43	27.70	23.64	22.85	28.94	19.40	14.85	-47.39	+0.000
D 2000	23.60	24.17	24.40	24.48	27.69	23.64	22.85	28.94	19.15	14.99	-46.57	+0.000
D 2015	23.61	24.18	24.40	24.54	27.67	23.64	22.85	28.94	18.83	15.19	-46.48	+0.000
D 2030	23.61	24.18	24.40	24.59	27.64	23.64	22.84	28.93	18.63	15.30	-45.89	+0.000
D 2045	23.61	24.17	24.39	24.63	27.58	23.64	22.85	28.94	18.43	15.43	-46.29	+0.000
D 2100	23.62	24.18	24.39	24.69	27.51	23.64	22.85	28.94	18.48	15.51	-45.22	+0.000
D 2115	23.62	24.18	24.39	24.73	27.43	23.65	22.85	28.95	18.22	15.67	-44.59	+0.000
D 2130	23.62	24.18	24.39	24.77	27.30	23.65	22.85	28.94	17.86	15.84	-43.93	+0.000
D 2145	23.61	24.18	24.39	24.82	27.24	23.64	22.85	28.94	17.46	16.11	-43.17	+0.000
D 2200	23.61	24.18	24.38	24.85	27.13	23.64	22.85	28.94	17.29	16.52	-42.66	+0.000
D 2215	23.61	24.17	24.38	24.88	27.02	23.64	22.85	28.94	16.90	16.90	-42.69	+0.000
D 2230	23.61	24.18	24.38	24.91	26.90	23.64	22.85	28.93	16.66	17.25	-43.35	+0.000
D 2245	23.62	24.18	24.39	24.95	26.79	23.64	22.85	28.94	16.57	17.33	-44.43	+0.000
D 2300	23.62	24.18	24.39	24.97	26.67	23.65	22.85	28.94	16.60	17.31	-42.68	+0.000
D 2315	23.62	24.18	24.39	25.00	26.54	23.64	22.85	28.94	16.31	17.53	-43.84	+0.000
D 2330	23.62	24.18	24.39	25.01	26.43	23.64	22.85	28.94	16.17	17.47	-40.99	+0.000
D 2345	23.61	24.17	24.38	25.03	26.29	23.64	22.85	28.94	16.18	17.41	-43.03	+0.000
D 0000	23.62	24.18	24.39	25.04	26.18	23.64	22.85	28.94	15.95	17.49	-40.81	+0.000
* 87 281												
D 0015	23.61	24.17	24.39	25.05	26.05	23.64	22.85	28.94	14.63	18.38	-40.54	+0.000
D 0030	23.61	24.17	24.39	25.05	25.92	23.64	22.85	28.94	13.98	19.16	-38.16	+0.000
D 0045	23.61	24.17	24.39	25.06	25.79	23.64	22.85	28.93	14.02	19.13	-38.24	+0.000
D 0100	23.61	24.17	24.39	25.05	25.67	23.64	22.85	28.94	14.26	19.31	-37.85	+0.000
D 0115	23.61	24.17	24.40	25.06	25.55	23.65	22.85	28.94	14.90	19.10	-39.19	+0.000
D 0130	23.61	24.17	24.40	25.05	25.43	23.64	22.85	28.94	14.91	19.02	-38.30	+0.000
D 0145	23.62	24.18	24.41	25.06	25.31	23.64	22.85	28.95	14.89	19.04	-37.99	+0.000
D 0200	23.61	24.17	24.41	25.04	25.18	23.64	22.85	28.94	15.09	18.93	-38.43	+0.000
D 0215	23.61	24.17	24.41	25.04	25.07	23.64	22.85	28.94	14.83	19.14	-38.74	+0.000
D 0230	23.60	24.16	24.41	25.01	24.93	23.64	22.85	28.94	14.60	19.37	-37.52	+0.000
D 0245	23.61	24.17	24.41	25.00	24.82	23.64	22.85	28.94	14.55	19.43	-38.19	+0.000
D 0300	23.61	24.17	24.42	24.99	24.70	23.64	22.85	28.94	14.44	19.60	-36.81	+0.000
D 0315	23.61	24.17	24.42	24.98	24.58	23.64	22.85	28.94	14.19	19.87	-35.93	+0.000
D 0330	23.61	24.17	24.43	24.96	24.47	23.64	22.85	28.94	13.70	20.34	-35.94	+0.000
D 0345	23.61	24.17	24.43	24.94	24.35	23.64	22.85	28.94	12.54	21.66	-35.16	+0.000
D 0400	23.61	24.17	24.43	24.92	24.24	23.64	22.85	28.94	12.61	22.41	-34.21	+0.000
D 0415	23.61	24.17	24.44	24.89	24.13	23.65	22.85	28.94	12.62	22.62	-33.67	+0.000
D 0430	23.61	24.17	24.45	24.88	24.03	23.64	22.85	28.94	12.36	23.06	-33.28	+0.000
D 0445	23.61	24.17	24.45	24.87	23.92	23.64	22.85	28.94	12.34	23.07	-33.25	+0.000
D 0500	23.61	24.17	24.45	24.82	23.87	23.64	22.85	28.94	12.17	23.67	-33.18	+0.000
D 0515	23.61	24.17	24.46	24.80	23.71	23.65	22.85	28.94	12.58	23.74	-33.04	+0.000
D 0530	23.61	24.17	24.46	24.77	23.61	23.64	22.85	28.94	12.51	23.59	-33.33	+0.000
D 0545	23.61	24.17	24.46	24.74	23.51	23.64	22.85	28.94	12.11	24.07	-32.77	+0.000
D 0600	23.61	24.17	24.47	24.71	23.40	23.64	22.85	28.94	11.79	24.07	-32.75	+0.000
D 0615	23.62	24.17	24.47	24.68	23.30	23.64	22.85	28.94	12.06	24.43	-32.35	+0.000
D 0630	23.61	24.17	24.48	24.65	23.20	23.64	22.85	28.94	11.82	25.01	-32.88	+0.000
D 0645	23.61	24.17	24.48	24.62	23.10	23.65	22.85	28.94	12.15	24.63	-32.08	+0.000
D 0700	23.61	24.17	24.48	24.59	23.00	23.64	22.85	28.93	11.14	25.85	-32.78	+0.000
D 0715	23.61	24.17	24.48	24.56	22.90	23.64	22.85	28.94	11.28	26.11	-29.99	+0.000
D 0730	23.61	24.17	24.48	24.52	22.80	23.64	22.85	28.94	10.13	30.20	-21.78	+0.000
D 0745	23.61	24.16	24.48	24.48	22.70	23.64	22.85	28.94	11.37	28.69	-20.15	+0.000
D 0800	23.61	24.17	24.49	24.45	22.60	23.64	22.85	28.94	12.10	28.07	-0.769	+0.000
D 0815	23.61	24.16	24.49	24.41	22.51	23.63	22.84	28.93	13.19	26.23	24.23	+0.000
D 0830	23.61	24.16	24.49	24.38	22.42	23.63	22.84	28.94	13.19	26.23	24.23	+0.000
D 0845	23.61	24.16	24.49	24.34	22.31	23.63	22.85	28.90	14.96	23.94	0.79.6	+0.000
D 0900	23.61	24.17	24.50	24.30	22.23	23.64	22.85	28.89	15.09	23.86	1.08.0	+0.000
D 0930	23.61	24.16	24.49	24.22	22.06	23.64	22.85	28.85	15.41	23.40	1.63.1	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m					
D 0945	23.61	24.16	24.50	24.19	21.99	23.63	22.84	28.84	16.34	22.57	183.7	+0.000	
D 1000	23.61	24.16	24.50	24.15	21.94	24.88	23.63	22.84	17.10	22.61	202.4	+0.000	
D 1015	23.61	24.16	24.50	24.11	21.89	27.06	23.63	22.84	18.26	20.67	215.5	+0.000	
D 1030	23.61	24.16	24.51	24.07	21.86	29.47	23.63	22.84	19.35	19.18	245.5	+0.000	
D 1045	23.60	24.16	24.50	24.03	21.84	31.61	23.63	22.84	19.93	18.25	266.1	+0.000	
D 1115	23.60	24.15	24.50	23.95	21.87	35.36	23.63	22.84	20.70	17.53	294.3	+0.000	
D 1130	23.60	24.16	24.46	23.92	21.92	37.19	23.63	22.84	21.50	16.75	302.9	+0.000	
D 1145	23.60	24.15	24.49	23.88	21.98	38.99	23.63	22.84	22.16	15.93	318.8	+0.000	
D 1215	23.60	24.15	24.49	23.81	22.17	41.95	23.63	22.84	23.16	14.64	330.6	+0.000	
D 1230	23.60	24.16	24.49	23.79	22.30	42.75	23.63	22.84	23.43	14.30	333.5	+0.000	
D 1245	23.60	24.16	24.49	23.76	22.44	43.38	23.63	22.84	23.70	13.87	331.9	+0.000	
D 1300	23.60	24.15	24.48	23.70	22.78	44.86	23.63	22.84	24.34	13.31	324.3	+0.000	
D 1345	23.60	24.15	24.48	23.67	23.18	45.45	23.62	22.83	24.89	12.83	312.9	+0.000	
D 1400	23.60	24.15	24.48	23.66	23.40	45.37	23.63	22.83	25.00	12.80	301.2	+0.000	
D 1415	23.60	24.15	24.47	23.65	23.62	45.45	23.62	22.84	25.26	12.65	292.8	+0.000	
D 1430	23.60	24.15	24.47	23.64	23.85	45.72	23.63	22.83	25.73	12.39	255.4	+0.000	
D 1445	23.60	24.15	24.46	23.64	24.09	45.74	23.62	22.83	26.28	12.28	243.3	+0.000	
D 1500	23.60	24.15	24.46	23.64	24.32	45.74	23.62	22.83	26.83	12.20	235.8	+0.000	
D 1515	23.60	24.15	24.46	23.65	24.56	44.84	23.62	22.83	28.90	12.04	245.2	+0.000	
D 1545	23.60	24.15	24.45	23.68	25.03	43.70	23.62	22.83	28.90	12.62	230.2	+0.000	
D 1615	23.60	24.15	24.43	23.71	25.48	40.69	23.62	22.83	28.90	15.19	12.33	36.60	+0.000
D 1630	23.59	24.14	24.42	23.74	25.69	38.13	23.62	22.83	28.91	14.97	12.41	104.1	+0.000
D 1645	23.60	24.15	24.43	23.78	25.91	37.79	23.62	22.83	28.91	15.68	12.15	146.3	+0.000
D 1700	23.60	24.14	24.42	23.80	26.09	37.01	23.62	22.84	28.91	15.75	12.17	107.7	+0.000
D 1715	23.59	24.15	24.41	23.84	26.27	35.34	23.62	22.84	28.91	15.11	12.35	31.13	+0.000
D 1730	23.60	24.14	24.41	23.88	26.44	33.58	23.62	22.83	28.91	15.41	12.25	55.19	+0.000
D 1745	23.59	24.14	24.40	23.92	26.59	32.16	23.62	22.83	28.91	14.35	12.63	2.908	+0.000
D 1800	23.60	24.15	24.40	23.97	26.73	30.57	23.63	22.84	28.91	14.34	12.71	-10.23	+0.000
D 1815	23.59	24.14	24.39	24.01	26.83	29.20	23.62	22.83	28.91	13.92	12.78	-23.45	+0.000
D 1830	23.60	24.15	24.39	24.06	26.93	27.72	23.62	22.83	28.91	13.03	13.12	-40.14	+0.000
D 1845	23.60	24.15	24.38	24.11	27.01	26.11	23.62	22.83	28.91	12.89	13.57	-48.73	+0.000
D 1900	23.60	24.15	24.38	24.16									

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 0100	+23.60	+24.14	+24.33	+24.80	+25.04	+12.48	+23.63	+22.84	+28.92	+15.36	+16.77	+35.93	+0.000
D 0115	+23.60	+24.15	+24.34	+24.80	+24.92	+12.29	+23.62	+22.84	+28.91	+15.77	+16.57	+34.63	+0.000
D 0130	+23.60	+24.14	+24.34	+24.79	+24.80	+11.98	+23.62	+22.84	+28.91	+15.71	+16.58	+34.41	+0.000
D 0145	+23.60	+24.14	+24.34	+24.78	+24.68	+11.70	+23.62	+22.84	+28.91	+15.43	+16.70	+34.43	+0.000
D 0200	+23.60	+24.15	+24.34	+24.77	+24.56	+11.36	+23.61	+22.83	+28.90	+13.62	+17.71	+33.83	+0.000
D 0215	+23.60	+24.14	+24.35	+24.75	+24.43	+11.12	+23.61	+22.83	+28.90	+12.68	+18.33	+33.11	+0.000
D 0230	+23.60	+24.14	+24.35	+24.74	+24.32	+10.93	+23.61	+22.83	+28.90	+13.53	+17.77	+34.62	+0.000
D 0245	+23.60	+24.14	+24.35	+24.72	+24.20	+10.61	+23.62	+22.84	+28.91	+13.29	+18.01	+32.69	+0.000
D 0300	+23.60	+24.14	+24.36	+24.71	+24.08	+10.51	+23.62	+22.84	+28.91	+12.79	+18.37	+34.14	+0.000
D 0315	+23.60	+24.15	+24.36	+24.69	+23.97	+10.31	+23.62	+22.84	+28.91	+12.53	+18.81	+32.99	+0.000
D 0330	+23.60	+24.14	+24.36	+24.68	+23.85	+9.92	+23.62	+22.84	+28.91	+12.15	+18.79	+34.22	+0.000
D 0345	+23.60	+24.14	+24.36	+24.64	+23.74	+0.99	+23.62	+22.83	+28.90	+11.90	+19.10	+32.53	+0.000
D 0400	+23.60	+24.14	+24.36	+24.62	+23.63	+0.98	+23.62	+22.84	+28.91	+12.12	+19.06	+33.48	+0.000
D 0415	+23.60	+24.14	+24.37	+24.60	+23.52	+0.91	+23.62	+22.84	+28.91	+12.12	+19.06	+33.48	+0.000
D 0430	+23.60	+24.14	+24.37	+24.57	+23.40	+0.85	+23.61	+22.83	+28.89	+12.13	+19.09	+33.20	+0.000
D 0445	+23.60	+24.14	+24.37	+24.54	+23.29	+0.83	+23.61	+22.83	+28.89	+11.02	+19.95	+32.46	+0.000
D 0500	+23.60	+24.14	+24.37	+24.51	+23.18	+0.84	+23.62	+22.84	+28.90	+11.13	+20.02	+31.37	+0.000
D 0515	+23.60	+24.14	+24.38	+24.49	+23.08	+0.83	+23.62	+22.84	+28.90	+11.64	+19.66	+32.17	+0.000
D 0530	+23.60	+24.14	+24.38	+24.46	+22.97	+0.83	+23.62	+22.84	+28.90	+11.48	+19.86	+31.80	+0.000
D 0545	+23.60	+24.14	+24.38	+24.42	+22.86	+0.83	+23.61	+22.83	+28.89	+10.98	+20.22	+31.26	+0.000
D 0600	+23.60	+24.14	+24.38	+24.39	+22.75	+0.79	+23.61	+22.83	+28.89	+10.18	+20.93	+32.02	+0.000
D 0615	+23.59	+24.14	+24.38	+24.35	+22.64	+0.73	+23.62	+22.84	+28.90	+10.36	+20.88	+31.16	+0.000
D 0630	+23.60	+24.14	+24.39	+24.33	+22.54	+0.76	+23.62	+22.84	+28.89	+10.92	+20.52	+31.94	+0.000
D 0645	+23.60	+24.14	+24.39	+24.29	+22.43	+0.70	+23.62	+22.83	+28.87	+11.00	+20.47	+31.89	+0.000
D 0700	+23.60	+24.14	+24.39	+24.26	+22.33	+0.75	+23.61	+22.83	+28.84	+11.25	+21.18	+31.86	+0.000
D 0715	+23.61	+24.14	+24.40	+24.23	+22.23	+0.71	+23.62	+22.84	+28.81	+10.12	+21.72	+32.27	+0.000
D 0730	+23.60	+24.14	+24.40	+24.23	+22.23	+0.71	+23.62	+22.84	+28.79	+10.28	+21.70	+32.55	+0.000
D 0745	+23.60	+24.14	+24.40	+24.15	+22.03	+0.73	+23.62	+22.84	+28.76	+10.22	+21.85	+31.42	+0.000
D 0800	+23.60	+24.14	+24.40	+24.11	+21.93	+0.87	+23.61	+22.83	+28.74	+11.29	+21.42	+31.38	+0.000
D 0815	+23.60	+24.14	+24.40	+24.07	+21.83	+1.04	+23.61	+22.83	+28.71	+12.88	+20.00	+31.44	+0.000
D 0830	+23.60	+24.14	+24.40	+24.03	+21.74	+1.13	+23.61	+22.83	+28.69	+14.11	+19.54	+30.80	+0.000
D 0845	+23.60	+24.13	+24.40	+23.99	+21.64	+1.27	+23.61	+22.83	+28.67	+14.11	+19.54	+30.80	+0.000
D 0900	+23.60	+24.13	+24.40	+23.96	+21.56	+1.57	+23.61	+22.83	+28.66	+14.27	+19.64	+30.83	+0.000
D 0915	+23.59	+24.13	+24.39	+23.91	+21.47	+1.87	+23.61	+22.83	+28.64	+15.05	+18.93	+31.33	+0.000
D 0930	+23.59	+24.13	+24.39	+23.87	+21.39	+1.98	+23.61	+22.83	+28.63	+15.31	+19.03	+31.40	+0.000
D 0945	+23.60	+24.13	+24.40	+23.83	+21.33	+2.13	+23.61	+22.83	+28.61	+15.43	+19.01	+31.80	+0.000
D 1000	+23.59	+24.13	+24.40	+23.83	+21.33	+2.13	+23.61	+22.83	+28.61	+16.73	+18.09	+31.72	+0.000
D 1015	+23.60	+24.13	+24.40	+23.75	+21.23	+2.58	+23.61	+22.83	+28.61	+18.00	+17.13	+32.25	+0.000
D 1030	+23.59	+24.13	+24.40	+23.71	+21.20	+2.67	+23.60	+22.82	+28.60	+18.43	+16.68	+31.44	+0.000
D 1045	+23.59	+24.13	+24.39	+23.67	+21.19	+3.08	+23.60	+22.82	+28.60	+18.91	+16.29	+32.70	+0.000
D 1087	+23.59	+24.13	+24.39	+23.67	+21.19	+3.08	+23.60	+22.82	+28.60	+18.91	+16.29	+32.70	+0.000
D 0015	+22.87	+21.88	+19.96	+19.04	+18.64	+0.73	+20.52	+21.39	+25.69	+10.32	+41.17	+32.75	+0.000
D 0030	+22.87	+21.88	+19.96	+19.04	+18.53	+0.75	+20.51	+21.39	+25.68	+0.85	+42.72	+31.77	+0.000
D 0045	+22.87	+21.88	+19.96	+19.04	+18.41	+0.77	+20.50	+21.38	+25.67	+0.67	+43.47	+31.06	+0.000
D 0100	+22.87	+21.88	+19.97	+19.04	+18.30	+0.77	+20.49	+21.37	+25.67	+10.02	+42.99	+31.56	+0.000
D 0115	+22.87	+21.88	+19.96	+19.03	+18.18	+0.76	+20.48	+21.36	+25.65	+0.48	+44.17	+30.55	+0.000
D 0130	+22.87	+21.87	+19.97	+19.02	+18.07	+0.83	+20.46	+21.35	+25.63	+0.94	+44.27	+31.50	+0.000
D 0145	+22.87	+21.87	+19.97	+19.02	+17.96	+0.96	+20.45	+21.34	+25.63	+0.91	+44.94	+30.72	+0.000
D 0200	+22.87	+21.87	+19.97	+19.00	+17.84	+1.04	+20.44	+21.33	+25.62	+0.94	+45.63	+31.11	+0.000
D 0215	+22.86	+21.87	+19.97	+18.99	+17.73	+1.20	+20.43	+21.32	+25.60	+0.91	+45.19	+29.79	+0.000
D 0230	+22.86	+21.87	+19.98	+18.98	+17.63	+1.42	+20.42	+21.32	+25.60	+0.90	+45.19	+29.79	+0.000
D 0245	+22.86	+21.86	+19.97	+18.95	+17.51	+1.55	+20.40	+21.30	+25.59	+0.88	+45.30	+30.54	+0.000
D 0300	+22.86	+21.86	+19.97	+18.93	+17.40	+1.69	+20.39	+21.29	+25.58	+0.89	+45.93	+29.91	+0.000
D 0315	+22.86	+21.86	+19.98	+18.92	+17.31	+1.85	+20.38	+21.28	+25.57	+0.83	+46.13	+30.40	+0.000
D 0330	+22.86	+21.86	+19.98	+18.90	+17.20	+2.08	+20.37	+21.27	+25.56	+0.84	+46.79	+30.22	+0.000
D 0345	+22.86	+21.85	+19.98	+18.88	+17.10	+2.36	+20.36	+21.26	+25.55	+0.81	+47.22	+28.33	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
D 0400	+22.86	+21.85	+19.98	+18.86	+16.99	+4.941	+20.35	+21.25	+25.54	+08.41	+46.95	+28.77	+0.000
D 0415	+22.86	+21.85	+19.99	+18.84	+16.89	+4.798	+20.33	+21.24	+25.53	+08.10	+46.69	+30.74	+0.000
D 0430	+22.85	+21.84	+19.98	+18.81	+16.79	+4.537	+20.31	+21.23	+25.51	+07.33	+48.01	+28.67	+0.000
D 0445	+22.86	+21.85	+19.99	+18.78	+16.69	+4.307	+20.31	+21.23	+25.51	+06.719	+50.49	+28.61	+0.000
D 0500	+22.86	+21.85	+19.99	+18.76	+16.60	+4.045	+20.29	+21.21	+25.49	+6.651	+52.66	+28.57	+0.000
D 0515	+22.86	+21.84	+19.99	+18.73	+16.50	+4.047	+20.28	+21.19	+25.49	+6.818	+53.31	+28.29	+0.000
D 0530	+22.85	+21.84	+19.99	+18.70	+16.40	+3.952	+20.27	+21.19	+25.47	+6.783	+53.72	+27.04	+0.000
D 0545	+22.86	+21.84	+19.99	+18.67	+16.31	+3.887	+20.25	+21.17	+25.46	+6.783	+53.72	+27.04	+0.000
D 0600	+22.86	+21.84	+20.00	+18.65	+16.21	+3.850	+20.24	+21.16	+25.46	+6.925	+53.94	+26.92	+0.000
D 0615	+22.85	+21.83	+19.99	+18.61	+16.12	+3.794	+20.23	+21.16	+25.44	+6.420	+54.44	+29.12	+0.000
D 0630	+22.85	+21.83	+20.00	+18.59	+16.04	+3.510	+20.22	+21.15	+25.43	+5.976	+56.46	+28.17	+0.000
D 0645	+22.85	+21.83	+20.00	+18.55	+15.94	+3.428	+20.20	+21.13	+25.42	+6.174	+58.29	+27.77	+0.000
D 0700	+22.86	+21.83	+20.00	+18.52	+15.85	+3.312	+20.19	+21.12	+25.43	+6.342	+58.62	+27.54	+0.000
D 0715	+22.85	+21.82	+19.99	+18.49	+15.76	+3.175	+20.18	+21.10	+25.40	+6.443	+59.73	+27.76	+0.000
D 0730	+22.85	+21.82	+20.00	+18.46	+15.68	+3.088	+20.16	+21.09	+25.38	+6.553	+59.77	+24.80	+0.000
D 0745	+22.85	+21.82	+20.00	+18.42	+15.59	+3.008	+20.14	+21.08	+25.37	+6.471	+60.13	+20.07	+0.000
D 0800	+22.85	+21.82	+20.00	+18.39	+15.50	+3.055	+20.14	+21.08	+25.37	+6.471	+60.13	+20.07	+0.000
D 0815	+22.85	+21.82	+20.00	+18.35	+15.42	+3.204	+20.12	+21.07	+25.35	+6.966	+59.96	+13.78	+0.000
D 0830	+22.85	+21.82	+20.00	+18.32	+15.34	+3.566	+20.12	+21.06	+25.35	+07.04	+59.08	+4.737	+0.000
D 0845	+22.85	+21.82	+20.00	+18.29	+15.26	+3.964	+20.09	+21.04	+25.33	+07.19	+60.54	+07.60	+0.000
D 0900	+22.85	+21.81	+20.00	+18.25	+15.18	+4.326	+20.10	+21.04	+25.33	+07.19	+60.54	+12.23	+0.000
D 0915	+22.85	+21.81	+20.00	+18.22	+15.10	+4.842	+20.09	+21.03	+25.32	+08.68	+60.55	+12.77	+0.000
D 0930	+22.85	+21.81	+20.00	+18.18	+15.02	+5.310	+20.07	+21.02	+25.31	+11.05	+56.39	+22.03	+0.000
D 0945	+22.84	+21.81	+19.99	+18.14	+14.96	+5.722	+20.06	+21.01	+25.30	+11.28	+53.24	+183.9	+0.000
D 1000	+22.84	+21.80	+19.99	+18.10	+14.89	+6.081	+20.06	+21.00	+25.29	+11.42	+50.49	+209.2	+0.000
D 1015	+22.84	+21.80	+19.99	+18.07	+14.84	+6.466	+20.05	+20.99	+25.28	+11.42	+50.49	+209.2	+0.000
D 1030	+22.84	+21.79	+19.99										







Time	1.75m					1.0m			PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC					
2145	-22.71	-21.52	-19.65	-18.76	-19.64	-13.90	-20.29	-21.25	-25.54	-14.95	-23.07	-17.16	+0.000
2200	-22.71	-21.52	-19.65	-18.78	-19.56	-13.75	-20.28	-21.24	-25.53	-15.04	-23.19	-17.97	+0.000
2215	-22.71	-21.51	-19.64	-18.80	-19.49	-13.55	-20.27	-21.24	-25.53	-14.95	-23.43	-19.56	+0.000
2230	-22.71	-21.51	-19.64	-18.82	-19.41	-13.33	-20.27	-21.24	-25.52	-14.73	-23.52	-21.36	+0.000
2245	-22.71	-21.51	-19.64	-18.84	-19.33	-13.06	-20.26	-21.24	-25.52	-14.68	-23.91	-15.22	+0.000
2300	-22.71	-21.51	-19.65	-18.86	-19.27	-13.05	-20.25	-21.23	-25.51	-14.78	-24.16	-15.22	+0.000
2315	-22.71	-21.51	-19.64	-18.87	-19.19	-12.99	-20.24	-21.22	-25.51	-14.48	-24.98	-15.46	+0.000
2330	-22.71	-21.50	-19.64	-18.88	-19.11	-12.90	-20.24	-21.22	-25.51	-14.50	-25.04	-15.33	+0.000
2345	-22.71	-21.51	-19.65	-18.89	-19.04	-12.83	-20.23	-21.21	-25.49	-14.64	-25.06	-15.33	+0.000
0000	-22.70	-21.50	-19.65	-18.89	-18.96	-12.73	-20.23	-21.21	-25.49	-14.64	-25.06	-15.33	+0.000
* 87 301													
0015	-22.71	-21.50	-19.65	-18.90	-18.89	-12.61	-20.22	-21.18	-25.47	-14.12	-26.61	-10.64	+0.000
0030	-22.70	-21.50	-19.65	-18.90	-18.92	-12.71	-20.22	-21.18	-25.47	-13.58	-30.37	-12.89	+0.000
0045	-22.71	-21.50	-19.65	-18.91	-18.69	-12.46	-20.20	-21.17	-25.46	-13.15	-35.04	-16.68	+0.000
0100	-22.70	-21.50	-19.66	-18.90	-18.62	-12.30	-20.20	-21.17	-25.46	-13.04	-38.09	-11.53	+0.000
0115	-22.70	-21.49	-19.65	-18.90	-18.56	-12.20	-20.19	-21.16	-25.45	-13.04	-38.23	-12.34	+0.000
0130	-22.70	-21.50	-19.66	-18.90	-18.56	-12.20	-20.19	-21.16	-25.45	-13.74	-35.18	-09.49	+0.000
0145	-22.70	-21.49	-19.66	-18.90	-18.49	-12.11	-20.18	-21.15	-25.44	-13.90	-34.86	-13.88	+0.000
0200	-22.70	-21.49	-19.66	-18.89	-18.37	-12.05	-20.18	-21.15	-25.44	-13.38	-38.23	-16.65	+0.000
0215	-22.70	-21.49	-19.67	-18.89	-18.32	-11.94	-20.17	-21.14	-25.43	-13.07	-36.53	-25.15	+0.000
0230	-22.71	-21.49	-19.67	-18.88	-18.25	-11.87	-20.16	-21.13	-25.42	-12.73	-37.76	-24.42	+0.000
0245	-22.70	-21.48	-19.67	-18.87	-18.18	-11.74	-20.15	-21.13	-25.42	-12.52	-38.67	-27.45	+0.000
0300	-22.69	-21.48	-19.67	-18.87	-18.14	-11.67	-20.15	-21.13	-25.42	-12.52	-38.67	-27.45	+0.000
0315	-22.70	-21.48	-19.68	-18.86	-18.09	-11.57	-20.15	-21.12	-25.41	-12.31	-39.35	-25.66	+0.000
0330	-22.70	-21.48	-19.68	-18.86	-18.09	-11.57	-20.15	-21.12	-25.41	-12.31	-39.35	-25.66	+0.000
0345	-22.69	-21.48	-19.68	-18.85	-18.03	-11.47	-20.14	-21.11	-25.40	-12.56	-39.40	-09.56	+0.000
0400	-22.69	-21.47	-19.68	-18.84	-17.97	-11.39	-20.13	-21.11	-25.39	-12.89	-38.90	-14.59	+0.000
0415	-22.69	-21.47	-19.68	-18.82	-17.91	-11.32	-20.12	-21.11	-25.39	-12.64	-39.77	-11.52	+0.000
0430	-22.69	-21.47	-19.69	-18.81	-17.86	-11.25	-20.12	-21.10	-25.39	-12.64	-40.48	-08.18	+0.000
0445	-22.68	-21.47	-19.69	-18.80	-17.80	-11.18	-20.11	-21.09	-25.38	-12.38	-40.48	-08.18	+0.000
0500	-22.69	-21.47	-19.70	-18.78	-17.69	-11.21	-20.09	-21.09	-25.38	-11.47	-42.51	-09.44	+0.000
0515	-22.69	-21.47	-19.70	-18.78	-17.69	-11.21	-20.09	-21.09	-25.38	-11.61	-40.42	-11.87	+0.000
0530	-22.69	-21.47	-19.70	-18.77	-17.64	-11.08	-20.09	-21.07	-25.36	-12.70	-40.34	-09.57	+0.000
0545	-22.69	-21.46	-19.70	-18.75	-17.53	-11.05	-20.08	-21.07	-25.35	-12.38	-41.54	-12.41	+0.000
0600	-22.69	-21.46	-19.70	-18.74	-17.53	-11.05	-20.08	-21.07	-25.35	-12.24	-41.74	-12.61	+0.000
0615	-22.69	-21.46	-19.70	-18.72	-17.48	-10.93	-20.07	-21.06	-25.35	-12.24	-44.33	-16.78	+0.000
0630	-22.69	-21.46	-19.70	-18.71	-17.44	-10.84	-20.06	-21.05	-25.34	-11.89	-46.40	-11.66	+0.000
0645	-22.68	-21.46	-19.70	-18.69	-17.39	-10.74	-20.05	-21.04	-25.33	-11.89	-46.40	-11.66	+0.000
0700	-22.68	-21.45	-19.71	-18.67	-17.33	-10.64	-20.04	-21.03	-25.32	-11.35	-47.35	-08.70	+0.000
0715	-22.68	-21.45	-19.71	-18.66	-17.30	-10.58	-20.04	-21.03	-25.32	-11.35	-47.35	-08.70	+0.000
0730	-22.68	-21.45	-19.71	-18.62	-17.21	-10.73	-20.03	-21.03	-25.32	-11.35	-47.35	-08.70	+0.000
0745	-22.68	-21.45	-19.71	-18.62	-17.21	-10.73	-20.03	-21.03	-25.32	-11.35	-47.35	-08.70	+0.000
0800	-22.68	-21.45	-19.71	-18.62	-17.21	-10.73	-20.03	-21.03	-25.32	-11.35	-47.35	-08.70	+0.000
0815	-22.68	-21.45	-19.72	-18.58	-17.08	-11.15	-20.01	-21.00	-25.29	-11.37	-48.40	-2.73	+0.000
0830	-22.68	-21.45	-19.72	-18.58	-17.08	-11.15	-20.01	-21.00	-25.29	-11.37	-48.40	-2.73	+0.000
0845	-22.67	-21.44	-19.72	-18.57	-17.04	-11.16	-20.01	-21.00	-25.29	-11.47	-52.05	-07.09	+1.000
0900	-22.67	-21.44	-19.72	-18.57	-17.04	-11.16	-20.01	-21.00	-25.29	-11.32	-61.42	-4.74	+3.000
0915	-22.67	-21.44	-19.72	-18.57	-17.04	-11.16	-20.01	-21.00	-25.29	-11.32	-61.42	-4.74	+3.000
0930	-22.67	-21.44	-19.72	-18.57	-17.04	-11.16	-20.01	-21.00	-25.29	-11.32	-61.42	-4.74	+3.000
0945	-22.67	-21.44	-19.72	-18.57	-17.04	-11.16	-20.01	-21.00	-25.29	-11.32	-61.42	-4.74	+3.000
1000	-22.67	-21.44	-19.72	-18.57	-17.04	-11.16	-20.01	-21.00	-25.29	-11.32	-61.42	-4.74	+3.000
1015	-22.67	-21.44	-19.72	-18.57	-17.04	-11.16	-20.01	-21.00	-25.29	-11.32	-61.42	-4.74	+3.000
1030	-22.66	-21.43	-19.72	-18.45	-16.93	-11.32	-19.99	-20.98	-25.27	-11.25	-67.50	-26.58	+0.000
1045	-22.66	-21.43	-19.72	-18.45	-16.93	-11.32	-19.99	-20.98	-25.27	-11.25	-67.50	-26.58	+0.000
1100	-22.67	-21.43	-19.72	-18.40	-16.77	-11.73	-19.95	-20.96	-25.24	-10.81	-85.4	-36.34	+0.000
1115	-22.66	-21.43	-19.72	-18.38	-16.74	-12.03	-19.95	-20.96	-25.24	-10.61	-84.6	-09.96	+0.000

Time	1.75m					1.0m			PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC					
D 1130	-22.67	-21.43	-19.72	-18.36	-16.74	-22.28	-19.95	-20.95	-25.24	-17.79	-82.1	-07.35	+0.000
D 1145	-22.66	-21.42	-19.72	-18.34	-16.75	-22.23	-19.95	-20.95	-25.24	-16.42	-80.1	-24.46	+0.000
D 1200	-22.66	-21.42	-19.72	-18.31	-16.79	-22.39	-19.95	-20.95	-25.24	-16.48	-79.5	-4.25	+0.000
D 1215	-22.67	-21.42	-19.72	-18.29	-16.84	-21.66	-19.95	-20.95	-25.24	-17.19	-79.4	-22.70	+0.000
D 1230	-22.66	-21.41	-19.72	-18.28	-16.91	-20.47	-19.95	-20.95	-25.24	-17.05	-79.2	-36.64	+0.000
D 1245	-22.66	-21.41	-19.72	-18.28	-16.91	-20.47	-19.95	-20.95	-25.24	-15.94	-77.8	-22.24	+0.000
D 1300	-22.66	-21.41	-19.72	-18.26	-17.00	-18.87	-19.96	-20.95	-25.24	-15.00	-77.3	-27.09	+0.000
D 1315	-22.66	-21.41	-19.72	-18.24	-17.10	-18.87	-19.96	-20.95	-25.24	-15.72	-77.1	-38.79	+0.000
D 1330	-22.66	-21.41	-19.72	-18.23	-17.31	-15.18	-19.97	-20.96	-25.25	-15.91	-74.5	-08.79	+0.000
D 1345	-22.66	-21.41	-19.72	-18.23	-17.31	-15.18	-19.97	-20.96	-25.25	-15.91	-74.5	-08.79	+0.000
D 1400	-22.66	-21.41	-19.71	-18.22	-17.40	-13.68	-19.97	-20.96	-25.25	-15.32	-74.8	-6.524	+6.000
D 1415	-22.66	-21.40	-19.71	-18.21	-17.40	-13.68	-19.97	-20.96	-25.25	-15.32	-74.8	-6.524	+6.000
D 1430	-22.65	-21.40	-19.70	-18.20	-17.62	-17.78	-19.96	-20.96	-25.25	-15.34	-74.8	-6.524	+6.000
D 1445	-22.65	-21.40	-19.70	-18.20	-17.62	-17.78	-19.96	-20.96	-25.25	-15.34	-74.8	-6.524	+6.000
D 1500	-22.65	-21.40	-19.71	-18.20	-17.67	-18.88	-19.96	-20.96	-25.25	-15.34	-74.8	-6.524	+6.000
D 1515	-22.65	-21.40	-19.70	-18.20	-17.69	-19.70	-19.96	-20.97	-25.25	-15.68	-85.5	-25.85	+0.000
D 1530	-22.65	-21.40	-19.70	-18.20	-17.73	-19.67	-19.97	-20.97	-25.25	-16.34	-81.4	-33.68	+0.000
D 1545	-22.65	-21.40	-19.70	-18.21	-17.76	-19.89	-19.97	-20.97	-25.25	-15.03	-74.6	-15.90	+0.000
D 1600	-22.65	-21.39	-19.69	-18.20	-17.79	-19.63	-19.97	-20.96	-25.25	-15.45	-70.7	-15.75	+0.000
D 1615	-22.64	-21.39	-19.69	-18.20	-17.79	-19.63	-19.97	-20.96	-25.25	-15.45	-70.7	-15.75	+0.000
D 1630	-22.64	-21.39	-19.69	-18.21	-17.83	-19.08	-19.98	-20.97	-25.26	-15.43	-70.6	-3.760	+0.000
D 1645	-22.64	-21.39	-19.69	-18.22	-17.89	-18.53	-19.98	-20.97	-25.26	-15.64	-71.2	-3.989	+0.000
D 1700	-22.65	-21.39	-19.68	-18.22	-17.95	-18.19	-19.99	-20.98	-25.26	-16.14	-71.9	-20.20	+0.000
D 1715	-22.64	-21.38	-19.68	-18.23	-17.95	-18.19	-19.99	-20.98	-25.26	-16.03	-71.6	-25.85	+0.000
D 1730	-22.64	-21.38	-19.68	-18.24	-18.07	-17.69	-19.99	-20.98	-25.27	-15.73	-71.9	-17.32	+0.000
D 1745	-22.64	-21.38	-19.67	-18.24	-18.12	-16.74	-19.99	-20.98	-25.27	-15.18	-71.8	-07.80	+0.000
D 1800	-22.64	-21.38	-19.67	-18.25	-18.22	-14.27	-20.00	-20.99	-25.27	-16.17	-77.5	-09.62	+0.000
D 1815	-22.64	-21.38	-19.67	-									

Time	Soil					Surf.	PVC		Air	Rel. Hum.	Net Rad.	Precip	
	1.75m	1.0m	.5m	.25m	.125m	Soil	1.0m	1.75m					
D 0115	22.62	21.34	19.61	18.22	16.23	-07.82	-19.77	-20.82	25.11	28.38	085.6	-07.07	0.000
D 0130	22.61	21.34	19.61	18.16	16.16	-07.82	-19.76	-20.81	25.09	28.31	085.5	-08.39	0.000
D 0145	22.61	21.33	19.61	18.18	16.08	-07.83	-19.75	-20.80	25.09	28.31	084.9	-07.19	0.000
D 0200	22.61	21.33	19.60	18.15	16.01	-07.93	-19.73	-20.80	25.07	28.30	085.2	-6.973	0.000
D 0215	22.61	21.33	19.60	18.12	15.93	-08.02	-19.72	-20.79	25.07	28.30	085.2	-6.905	0.000
D 0230	22.61	21.33	19.60	18.10	15.87	-08.04	-19.72	-20.79	25.06	28.29	085.8	-08.21	0.000
D 0245	22.61	21.33	19.60	18.11	15.81	-08.08	-19.70	-20.78	25.05	28.29	085.9	-07.19	0.000
D 0300	22.61	21.33	19.60	18.05	15.75	-08.13	-19.70	-20.77	25.05	28.31	085.8	-6.635	0.000
D 0315	22.61	21.33	19.60	18.03	15.70	-08.16	-19.69	-20.76	25.04	28.30	085.8	-07.57	0.000
D 0330	22.61	21.33	19.59	18.00	15.64	-08.18	-19.68	-20.75	25.03	28.30	086.0	-07.17	0.000
D 0345	22.61	21.33	19.59	17.97	15.59	-08.18	-19.67	-20.75	25.02	28.29	086.1	-07.75	0.000
D 0400	22.60	21.32	19.59	17.94	15.54	-08.18	-19.66	-20.73	25.02	28.29	086.1	-08.00	0.000
D 0415	22.60	21.32	19.59	17.92	15.50	-08.17	-19.66	-20.74	25.02	28.30	085.9	-07.31	0.000
D 0430	22.60	21.32	19.58	17.89	15.45	-08.17	-19.64	-20.72	25.00	28.28	085.6	-6.312	0.000
D 0445	22.60	21.32	19.58	17.86	15.41	-08.18	-19.64	-20.72	25.00	28.28	085.4	-5.826	0.000
D 0500	22.60	21.31	19.58	17.83	15.37	-08.17	-19.63	-20.71	24.99	28.31	085.4	-5.354	0.000
D 0515	22.60	21.32	19.58	17.81	15.33	-08.16	-19.62	-20.71	24.99	28.31	085.6	-6.136	0.000
D 0530	22.60	21.31	19.57	17.78	15.29	-08.15	-19.61	-20.70	24.98	28.30	085.5	-6.986	0.000
D 0545	22.60	21.31	19.57	17.75	15.26	-07.97	-19.61	-20.69	24.97	28.29	085.8	-09.94	0.000
D 0600	22.60	21.31	19.57	17.73	15.22	-07.69	-19.60	-20.69	24.97	28.29	085.7	-09.09	0.000
D 0615	22.59	21.31	19.56	17.70	15.19	-07.55	-19.59	-20.68	24.96	28.28	085.8	-08.58	0.000
D 0630	22.60	21.31	19.57	17.67	15.15	-07.52	-19.58	-20.67	24.95	28.28	086.1	-07.58	0.000
D 0645	22.60	21.31	19.56	17.65	15.12	-07.57	-19.57	-20.67	24.95	28.27	086.0	-6.568	0.000
D 0700	22.59	21.30	19.56	17.62	15.08	-07.69	-19.57	-20.66	24.94	28.27	086.1	-5.664	0.000
D 0715	22.59	21.30	19.55	17.59	15.05	-07.78	-19.56	-20.65	24.94	28.27	085.8	-5.435	0.000
D 0730	22.59	21.30	19.55	17.57	15.01	-07.85	-19.55	-20.65	24.93	28.27	084.8	-4.801	0.000
D 0745	22.59	21.30	19.54	17.54	14.97	-07.89	-19.54	-20.64	24.92	28.26	084.4	-3.226	0.000
D 0800	22.58	21.29	19.54	17.51	14.93	-07.94	-19.53	-20.63	24.91	28.26	084.5	-0.904	0.000
D 0815	22.59	21.30	19.54	17.49	14.91	-08.15	-19.53	-20.63	24.91	28.26	084.4	-4.505	0.000
D 0830	22.59	21.30	19.53	17.47	14.87	-08.32	-19.52	-20.62	24.91	28.26	084.3	-6.635	0.000
D 0845	22.58	21.29	19.52	17.44	14.84	-08.41	-19.51	-20.62	24.90	28.25	083.5	-13.20	0.000
D 0900	22.58	21.29	19.52	17.41	14.80	-08.61	-19.51	-20.61	24.89	28.25	082.3	-24.89	0.000
D 0915	22.59	21.29	19.51	17.38	14.78	-09.12	-19.50	-20.61	24.89	28.25	081.9	-36.67	0.000
D 0930	22.58	21.29	19.51	17.37	14.75	-09.77	-19.49	-20.60	24.88	28.24	081.7	-44.52	0.000
D 0945	22.58	21.29	19.51	17.35	14.73	-10.35	-19.48	-20.59	24.88	28.24	081.2	-53.80	0.000
D 1000	22.58	21.29	19.50	17.32	14.70	-10.78	-19.48	-20.59	24.87	28.24	081.1	-46.47	0.000
D 1015	22.58	21.28	19.49	17.29	14.69	-11.36	-19.47	-20.59	24.87	28.24	081.0	-67.80	0.000
D 1030	22.57	21.28	19.48	17.26	14.66	-11.98	-19.46	-20.58	24.86	28.23	080.7	-88.92	0.000
D 1045	22.57	21.28	19.48	17.24	14.66	-13.80	-19.46	-20.58	24.86	28.24	084.7	-088.2	0.000
D 1100	22.58	21.28	19.48	17.22	14.67	-14.58	-19.46	-20.58	24.86	28.24	084.7	-102.2	0.000
D 1115	22.58	21.28	19.48	17.20	14.68	-16.02	-19.45	-20.57	24.85	28.23	083.4	-124.6	0.000
D 1130	22.58	21.28	19.47	17.18	14.69	-17.81	-19.45	-20.57	24.85	28.23	083.4	-152.1	0.000
D 1145	22.57	21.27	19.47	17.16	14.73	-19.03	-19.45	-20.57	24.85	28.23	083.4	-177.9	0.000
D 1200	22.57	21.28	19.46	17.14	14.76	-18.56	-19.46	-20.57	24.85	28.23	084.5	-108.5	0.000
D 1215	22.57	21.27	19.45	17.12	14.82	-17.43	-19.46	-20.57	24.85	28.23	084.5	-101.2	0.000
D 1230	22.57	21.27	19.45	17.10	14.88	-16.52	-19.46	-20.57	24.85	28.23	084.5	-83.39	0.000
D 1245	22.57	21.27	19.44	17.07	14.96	-16.91	-19.46	-20.57	24.85	28.23	084.5	-67.43	0.000
D 1300	22.57	21.27	19.44	17.06	15.05	-17.28	-19.46	-20.57	24.85	28.23	084.5	-51.64	0.000
D 1315	22.57	21.26	19.43	17.05	15.14	-18.03	-19.47	-20.58	24.86	28.23	084.5	-36.67	0.000
D 1330	22.57	21.26	19.42	17.03	15.24	-18.53	-19.47	-20.58	24.86	28.23	084.5	-24.37	0.000
D 1345	22.57	21.26	19.42	17.02	15.33	-18.26	-19.47	-20.58	24.86	28.23	084.5	-17.80	0.000
D 1400	22.57	21.26	19.41	17.01	15.42	-18.25	-19.48	-20.58	24.86	28.23	084.5	-11.21	0.000
D 1415	22.56	21.26	19.40	17.00	15.51	-18.33	-19.48	-20.58	24.86	28.23	084.5	-4.64	0.000
D 1430	22.56	21.26	19.39	17.00	15.60	-17.93	-19.48	-20.59	24.86	28.23	084.5	1.93	0.000
D 1445	22.57	21.26	19.39	16.99	15.69	-17.90	-19.48	-20.59	24.87	28.23	084.5	8.50	0.000
D 1500	22.56	21.26	19.38	16.99	15.78	-17.62	-19.49	-20.59	24.87	28.23	084.8	15.08	0.000

Time	Soil					Surf.	PVC		Air	Rel. Hum.	Net Rad.	Precip	
	1.75m	1.0m	.5m	.25m	.125m	Soil	1.0m	1.75m					
D 1515	22.56	21.25	19.37	16.98	15.86	-17.23	-19.49	-20.60	24.87	28.23	084.5	12.13	0.000
D 1530	22.56	21.25	19.37	16.99	15.94	-17.33	-19.50	-20.60	24.88	28.24	084.5	19.52	0.000
D 1545	22.56	21.25	19.36	16.99	16.01	-16.82	-19.50	-20.60	24.88	28.24	084.5	26.91	0.000
D 1600	22.56	21.25	19.35	16.99	16.13	-16.13	-19.50	-20.60	24.88	28.24	084.5	34.30	0.000
D 1615	22.56	21.25	19.34	17.00	16.15	-15.94	-19.51	-20.61	24.88	28.24	084.5	41.69	0.000
D 1630	22.55	21.24	19.34	17.00	16.21	-15.18	-19.49	-20.61	24.89	28.24	084.5	49.08	0.000
D 1645	22.56	21.25	19.34	17.01	16.27	-14.36	-19.51	-20.61	24.88	28.24	084.5	56.47	0.000
D 1700	22.56	21.24	19.33	17.02	16.31	-14.04	-19.51	-20.61	24.89	28.24	084.5	63.86	0.000
D 1715	22.55	21.24	19.31	17.03	16.35	-14.44	-19.51	-20.61	24.89	28.24	084.5	71.25	0.000
D 1730	22.55	21.24	19.31	17.04	16.38	-14.97	-19.52	-20.61	24.89	28.24	084.5	78.64	0.000
D 1745	22.55	21.24	19.30	17.05	16.41	-14.14	-19.55	-20.62	24.89	28.24	084.5	86.03	0.000
D 1800	22.55	21.24	19.29	17.06	16.42	-13.26	-19.52	-20.61	24.89	28.24	084.5	93.42	0.000
D 1815	22.55	21.24	19.28	17.07	16.44	-12.29	-19.51	-20.61	24.89	28.24	084.5	100.81	0.000
D 1830	22.55	21.24	19.27	17.08	16.44	-11.64	-19.51	-20.61	24.88	28.24	084.5	108.20	0.000
D 1845	22.55	21.24	19.27	17.09	16.44	-11.12	-19.51	-20.61	24.89	28.24	084.5	115.59	0.000
D 1900	22.54	21.23	19.26	17.10	16.43	-10.31	-19.55	-20.62	24.89	28.24	084.5	122.98	0.000
D 1915	22.54	21.23	19.25	17.11	16.43	-9.50	-19.50	-20.61	24.89	28.24	084.5	130.37	0.000
D 1930	22.54	21.23	19.24	17.12	16.40	-8.69	-19.50	-20.61	24.88	28.24	084.5	137.76	0.000
D 1945	22.53	21.22	19.23	17.13	16.36	-7.90	-19.49	-20.60	24.88	28.24	084.5	145.15	0.000
D 2000	22.54	21.22	19.23	17.14	16.32	-8.87	-19.49	-20.60	24.88	28.24	084.5	152.54	0.000
D 2015	22.54	21.22	19.22	17.14	16.28	-8.85	-19.48	-20.60	24.87	28.24	084.5	160.00	0.000
D 2030	22.53	21.22	19.21	17.15	16.22	-8.95	-19.47	-20.59	24.87	28.24	084.5	167.46	0.000
D 2045	22.54	21.22	19.22	17.16	16.17	-8.99	-19.47	-20.59	24.86	28.24	084.5	174.92	0.000
D 2100	22.53	21.21	19.20	17.16	16.10	-8.93	-19.46	-20.58	24.86	28.24	084.5	182.38	0.000
D 2115	22.53	21.22	19.20	17.17	16.04	-8.69	-19.46	-20.58	24.85	28.24	084.5	189.84	0.000
D 2130	22.53	21.21	19.19	17.17	15.98	-8.63	-19.44	-20.57	24.84	28.24	084.5	197.30	0.000

Time	1.75m			1.0m			.5m			.25m			.125m			Surf.			PVC			Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m				
D 0500	22.51	-21.16	+19.05	+16.75	+13.91	+3.344	+19.15	-20.35	+24.63	+10.88	+085.2	-19.18	+0.00											
D 0515	22.51	-21.16	+19.05	+16.73	+13.84	+3.229	+19.14	-20.36	+24.61	+12.57	+086.1	-18.08	+0.00											
D 0530	22.50	-21.16	+19.04	+16.69	+13.78	+3.161	+19.13	-20.33	+24.60	+13.18	+085.7	-18.87	+0.00											
D 0545	22.51	-21.16	+19.04	+16.67	+13.71	+3.034	+19.12	-20.32	+24.59	+12.86	+085.6	-18.89	+0.00											
D 0600	22.50	-21.16	+19.03	+16.65	+13.65	+2.846	+19.10	-20.31	+24.58	+12.70	+085.9	-18.23	+0.00											
D 0615	22.50	-21.15	+19.02	+16.62	+13.58	+2.754	+19.09	-20.30	+24.57	+13.77	+086.0	-17.35	+0.00											
D 0630	22.50	-21.15	+19.01	+16.59	+13.51	+2.658	+19.08	-20.29	+24.56	+15.66	+086.3	-17.37	+0.00											
D 0645	22.50	-21.15	+19.02	+16.57	+13.45	+2.522	+19.07	-20.29	+24.56	+14.95	+086.2	-17.34	+0.00											
D 0700	22.50	-21.15	+19.01	+16.53	+13.38	+2.414	+19.06	-20.27	+24.55	+14.69	+086.2	-17.32	+0.00											
D 0715	22.50	-21.15	+19.00	+16.50	+13.31	+2.253	+19.05	-20.27	+24.54	+14.06	+086.2	-16.57	+0.00											
D 0730	22.50	-21.15	+19.00	+16.48	+13.24	+2.162	+19.05	-20.26	+24.53	+14.29	+086.2	-14.26	+0.00											
D 0745	22.50	-21.15	+18.99	+16.45	+13.17	+2.102	+19.03	-20.25	+24.52	+14.98	+086.4	-0.00	+0.00											
D 0800	22.50	-21.14	+18.99	+16.42	+13.11	+2.379	+19.00	-20.24	+24.51	+17.17	+086.5	+3.279	+0.00											
D 0815	22.50	-21.14	+18.99	+16.39	+13.05	+2.972	+19.00	-20.23	+24.50	+18.03	+086.1	+10.00	+0.00											
D 0830	22.50	-21.14	+18.98	+16.36	+12.98	+4.219	+19.01	-20.22	+24.49	+19.42	+085.8	+50.36	+0.00											
D 0845	22.50	-21.14	+18.97	+16.33	+12.92	+5.717	+18.99	-20.21	+24.48	+20.78	+085.4	+66.71	+0.00											
D 0900	22.49	-21.13	+18.96	+16.30	+12.85	+7.36	+18.97	-20.21	+24.48	+19.77	+084.3	+90.50	+0.00											
D 0915	22.49	-21.13	+18.96	+16.27	+12.80	+9.04	+18.96	-20.20	+24.47	+16.90	+083.4	+130.6	+0.00											
D 0930	22.49	-21.13	+18.95	+16.24	+12.74	+10.67	+18.97	-20.19	+24.47	+13.30	+079.2	+174.1	+0.00											
D 0945	22.49	-21.12	+18.95	+16.20	+12.70	+11.82	+18.96	-20.19	+24.46	+10.40	+079.2	+194.0	+0.00											
D 1000	22.49	-21.13	+18.95	+16.17	+12.67	+13.09	+18.94	-20.18	+24.45	+10.23	+079.7	+205.8	+0.00											
D 1015	22.48	-21.12	+18.93	+16.14	+12.65	+14.82	+18.93	-20.18	+24.45	+11.22	+078.5	+220.8	+0.00											
D 1030	22.48	-21.12	+18.93	+16.11	+12.65	+16.68	+18.95	-20.17	+24.45	+12.08	+074.7	+245.4	+0.00											
D 1045	22.49	-21.11	+18.92	+16.08	+12.67	+18.28	+18.94	-20.17	+24.44	+12.17	+071.1	+253.1	+0.00											
D 1100	22.48	-21.12	+18.92	+16.04	+12.72	+19.77	+18.96	-20.17	+24.44	+12.57	+68.59	+260.4	+0.00											
D 1115	22.48	-21.11	+18.91	+16.01	+12.78	+20.99	+18.93	-20.17	+24.43	+12.93	+67.28	+251.1	+0.00											
D 1130	22.48	-21.11	+18.90	+15.98	+12.86	+22.36	+18.93	-20.17	+24.44	+12.66	+66.68	+303.6	+0.00											
D 1145	22.48	-21.11	+18.90	+15.96	+12.97	+23.45	+18.94	-20.17	+24.44	+12.79	+64.96	+202.1	+0.00											
D 1200	22.48	-21.11	+18.89	+15.93	+13.10	+23.90	+18.97	-20.18	+24.45	+12.98	+63.57	+261.4	+0.00											
D 1215	22.48	-21.10	+18.88	+15.91	+13.24	+25.25	+18.97	-20.18	+24.45	+13.34	+60.89	+232.6	+0.00											
D 1230	22.48	-21.10	+18.87	+15.89	+13.41	+24.78	+18.98	-20.19	+24.47	+13.49	+59.58	+191.7	+0.00											
D 1245	22.47	-21.10	+18.86	+15.87	+13.60	+26.17	+18.98	-20.19	+24.47	+13.44	+57.75	+223.8	+0.00											
D 1300	22.47	-21.10	+18.85	+15.85	+13.79	+26.12	+18.99	-20.20	+24.47	+13.85	+55.62	+282.7	+0.00											
D 1315	22.47	-21.09	+18.85	+15.84	+14.01	+27.88	+19.00	-20.21	+24.48	+14.94	+51.00	+293.3	+0.00											
D 1330	22.47	-21.09	+18.84	+15.82	+14.33	+29.03	+19.02	-20.22	+24.49	+15.57	+47.85	+283.5	+0.00											
D 1345	22.47	-21.09	+18.84	+15.82	+14.45	+29.18	+19.04	-20.23	+24.50	+15.59	+45.18	+301.7	+0.00											
D 1400	22.47	-21.09	+18.83	+15.81	+14.68	+30.66	+19.04	-20.23	+24.50	+15.05	+20.24	+243.0	+0.00											
D 1415	22.47	-21.09	+18.81	+15.81	+14.92	+28.81	+19.07	-20.25	+24.53	+15.37	+44.87	+235.0	+0.00											
D 1430	22.46	-21.08	+18.80	+15.82	+15.17	+29.41	+19.09	-20.26	+24.54	+15.88	+44.06	+232.8	+0.00											
D 1445	22.46	-21.08	+18.80	+15.83	+15.42	+29.55	+19.10	-20.27	+24.55	+16.36	+43.39	+224.9	+0.00											
D 1500	22.46	-21.08	+18.79	+15.85	+15.68	+29.99	+19.12	-20.28	+24.56	+17.06	+42.24	+233.9	+0.00											
D 1515	22.46	-21.07	+18.78	+15.86	+15.93	+30.06	+19.14	-20.30	+24.56	+17.08	+41.92	+240.6	+0.00											
D 1530	22.46	-21.07	+18.77	+15.88	+16.18	+29.45	+19.16	-20.31	+24.59	+16.93	+41.49	+198.1	+0.00											
D 1545	22.46	-21.07	+18.76	+15.91	+16.43	+28.72	+19.18	-20.33	+24.61	+16.83	+41.23	+177.1	+0.00											
D 1600	22.46	-21.07	+18.75	+15.94	+16.68	+27.63	+19.20	-20.34	+24.62	+16.52	+41.39	+169.8	+0.00											
D 1615	22.46	-21.07	+18.74	+15.97	+16.92	+27.06	+19.22	-20.36	+24.62	+16.72	+41.08	+180.2	+0.00											
D 1630	22.46	-21.07	+18.74	+16.01	+17.17	+26.17	+19.23	-20.36	+24.64	+16.65	+40.88	+137.7	+0.00											
D 1645	22.45	-21.06	+18.72	+16.05	+17.37	+25.36	+19.26	-20.38	+24.65	+16.76	+40.83	+150.6	+0.00											
D 1700	22.45	-21.06	+18.72	+16.09	+17.58	+24.67	+19.27	-20.39	+24.66	+17.02	+40.45	+101.2	+0.00											
D 1715	22.45	-21.06	+18.71	+16.14	+17.77	+23.61	+19.29	-20.40	+24.67	+16.79	+40.37	+53.14	+0.00											
D 1730	22.45	-21.06	+18.70	+16.18	+17.95	+22.90	+19.32	-20.42	+24.68	+16.79	+40.33	+68.85	+0.00											
D 1745	22.45	-21.05	+18.69	+16.23	+18.10	+22.90	+19.33	-20.42	+24.71	+15.22	+41.99	+17.52	+0.00											
D 1800	22.45	-21.06	+18.68	+16.29	+18.23	+19.39	+19.33	-20.45	+24.72	+14.22	+43.48	+23.15	+0.00											
D 1815	22.45	-21.05	+18.67	+16.34	+18.35	+18.11	+19.35	-20.47	+24.74	+13.69	+44.23	+26.29	+0.00											
D 1830	22.45	-21.05	+18.66	+16.40	+18.44	+17.12	+19.36	-20.48	+24.75	+13.25	+45.67	+22.33	+0.00											
D 1845	22.45	-21.05	+18.65	+16.45	+18.51	+16.33	+19.37	-20.49	+24.75	+12.99	+46.66	+24.69	+0.00											

Time	1.75m			1.0m			.5m			.25m			.125m			Surf.			PVC			Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m					
D 1900	22.45	-21.05	+18.65	+16.51	+18.55	+15.46	+19.38	-20.50	+24.76	+12.74	+47.58	-27.58	+0.00											
D 1915	22.45	-21.05	+18.64	+16.56	+18.57	+14.61	+19.38	-20.50	+24.76	+18.26	+27.61	-27.39	+0.00											
D 1930	22.45	-21.05	+18.63	+16.62	+18.57	+13.87	+19.38	-20.51	+24.77	+12.31	+49.63	-27.39	+0.00											
D 1945	22.44	-21.04	+18.62	+16.67	+18.55	+13.23	+19.40	-20.52	+24.78	+12.02	+52.24	-26.92	+0.00											
D 2000	22.45	-21.04	+18.63	+16.73	+18.52	+12.65	+19.41	-20.52	+24.78	+11.73	+55.57	-24.34	+0.00											
D 2015	22.44	-21.03	+18.60	+16.78	+18.43	+12.16	+19.41	-20.53	+24.78	+11.73	+55.57	-24.34	+0.00											
D 2030	22.44	-21.03	+18.60	+16.83	+18.40	+11.78	+19.41	-20.52	+24.79	+11.66	+56.56	-23.95	+0.00											
D 2045	22.44	-21.03	+18.59	+16.88	+18.33	+11.40	+19.38	-20.52	+24.78	+11.54	+57.65	-21.88	+0.00											
D 2100	22.44	-21.03	+18.59	+16.93	+18.25	+11.10	+19.37	-20.52	+24.78	+11.48	+58.44	-21.99	+0.00											
D 2115	22.44	-21.03	+18.59	+16.97	+18.15	+10.74	+19.40	-20.52	+24.78	+11.40	+59.15	-24.02	+0.00											
D 2130	22.44	-21.03	+18.58	+17.00	+18.06	+10.32	+19.38	-20.53	+24.77	+10.77	+60.24	-25.63	+0.00											
D 2145	22.44	-21.03	+18.58	+17.04	+17.96	+10.02	+19.38	-20.51	+24.77	+11.20	+61.47	-18.18	+0.00											
D 2200	22.44	-21.02	+18.57	+17.07	+17.86	+10.09	+19.36	-20.51	+24.77	+11.65	+60.86	-13.09	+0.00											
D 2215	22.44	-21.02	+18.57	+17.10	+17.75	+10.16	+19.34	-20.50	+24.76	+11.61	+60.81	-14.71	+0.00											
D 2230	22.44	-21.02	+18.57	+17.13	+17.64	+10.06	+19.34	-20.50	+24.75	+11.43	+61.13	-15.89	+0.00											
D 2245	22.44	-21.02	+18.57	+17.15	+17.53	+9.92	+19.34	-20.50	+24.75	+11.28	+61.90	-14.83	+0.00											
D 2300	22.44	-21.01	+18.56	+17.16	+17.45	+9.80	+19.33	-20.49	+24.75	+11.01	+62.56	-15.10	+0.00											
D 2315	22.44	-21.01	+18.56	+17.19	+17.32	+9.75	+19.32	-20.48	+24.74	+10.97	+63.78	-11.91	+0.00											
D 2330	22.44	-21.01	+18.56	+17.21	+17.22	+9.77	+19.32	-20.48	+24.74	+11.28	+63.87	-12.42	+0.00											
D 2345	22.43	-21.01	+18.56	+17.22	+17.12	+9.55	+19.30	-20.47	+24.73	+11.22	+63.92	-19.20	+0.00											
D 0000	22.43	-21.01	+18.56	+17.23	+17.02	+9.16	+19.29	-20.46	+24.72	+11.11	+64.05	-21.00	+0.00											
D 0015	22.43	-21.00	+18.56	+17.23	+16.92	+8.84	+19.28	-20.46	+24.71	+11.02	+64.10	-21.75	+0.00											
D 0030	22.43	-21.00	+18.56	+17.24	+16.82	+8.50	+19.27	-20.45	+24.71	+10.92	+64.67	-23.16	+0.00											
D 0045	22.43	-21.00	+18.56	+17.24	+16.73	+8.21	+19.25	-20.44	+24.69	+11.06	+64.68	-23.12	+0.00											
D 0100	22.43	-21.00	+18.56	+17.24	+16.64	+7.98	+19.25	-20.44	+24.69	+11.06	+64.68													



Time	1.75m 1.0m .5m .25m .125m Surf. PVC							1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC	Air			
0845	-22.40	-20.91	-18.59	-16.71	-14.17	-5.998	-18.93	-20.17	-24.44	-21.16	-086.9	+14.77	+0.000
0900	-22.40	-20.92	-18.58	-16.68	-14.11	-6.365	-18.92	-20.16	-24.43	-20.40	-086.5	+18.04	+0.000
0915	-22.40	-20.91	-18.58	-16.65	-14.05	-6.701	-18.91	-20.15	-24.42	-18.76	-086.8	+31.90	+0.000
0930	-22.40	-20.91	-18.59	-16.63	-14.00	-6.770	-18.90	-20.14	-24.41	-22.25	-087.0	+103.3	+0.000
0945	-22.40	-20.91	-18.58	-16.60	-13.95	-6.995	-18.89	-20.13	-24.40	-21.03	-085.5	+167.2	+0.000
1000	-22.40	-20.91	-18.58	-16.57	-13.90	-7.133	-18.89	-20.13	-24.40	-26.01	-085.8	+143.0	+0.000
1015	-22.39	-20.90	-18.58	-16.54	-13.85	-7.271	-18.88	-20.12	-24.39	-15.97	-084.9	+253.5	+0.000
1030	-22.39	-20.90	-18.57	-16.51	-13.80	-7.409	-18.87	-20.11	-24.38	-13.41	-080.9	+232.8	+0.000
1045	-22.39	-20.90	-18.58	-16.48	-13.75	-7.547	-18.87	-20.11	-24.38	-12.59	-074.9	+176.1	+0.000
1100	-22.39	-20.89	-18.57	-16.45	-13.70	-7.685	-18.87	-20.11	-24.38	-11.71	-072.9	+154.3	+0.000
1115	-22.39	-20.89	-18.57	-16.42	-13.65	-7.823	-18.87	-20.11	-24.38	-10.84	-071.9	+209.2	+0.000
1130	-22.39	-20.89	-18.57	-16.41	-13.64	-7.961	-18.87	-20.11	-24.38	-10.00	-069.94	+249.0	+0.000
1145	-22.38	-20.89	-18.57	-16.38	-13.59	-8.099	-18.87	-20.11	-24.38	-9.17	-067.92	+299.7	+0.000
1200	-22.39	-20.89	-18.57	-16.35	-13.54	-8.237	-18.88	-20.11	-24.38	-8.34	-066.17	+204.4	+0.000
1215	-22.38	-20.89	-18.57	-16.33	-13.53	-8.375	-18.88	-20.11	-24.38	-7.51	-065.77	+122.9	+0.000
1230	-22.38	-20.88	-18.57	-16.31	-13.52	-8.513	-18.89	-20.12	-24.39	-6.68	-065.22	+262.3	+0.000
1245	-22.38	-20.88	-18.57	-16.29	-13.51	-8.651	-18.89	-20.12	-24.39	-5.85	-062.81	+218.4	+0.000
1300	-22.38	-20.87	-18.56	-16.27	-13.50	-8.789	-18.91	-20.12	-24.39	-5.02	-057.87	+274.8	+0.000
1315	-22.38	-20.87	-18.55	-16.25	-13.49	-8.927	-18.92	-20.12	-24.40	-4.19	-052.25	+231.0	+0.000
1330	-22.37	-20.87	-18.55	-16.23	-13.48	-9.065	-18.92	-20.12	-24.40	-3.36	-046.83	+187.2	+0.000
1345	-22.37	-20.86	-18.55	-16.21	-13.47	-9.203	-18.94	-20.14	-24.41	-2.53	-041.45	+143.4	+0.000
1400	-22.37	-20.86	-18.54	-16.19	-13.46	-9.341	-18.95	-20.15	-24.41	-1.70	-036.07	+99.6	+0.000
1415	-22.37	-20.86	-18.54	-16.17	-13.45	-9.479	-18.97	-20.17	-24.43	-0.87	-030.69	+55.8	+0.000
1430	-22.37	-20.86	-18.54	-16.15	-13.44	-9.617	-18.98	-20.18	-24.45	-0.04	-025.31	+11.9	+0.000
1445	-22.37	-20.85	-18.53	-16.13	-13.43	-9.755	-19.00	-20.20	-24.46	-0.21	-020.93	-32.0	+0.000
1500	-22.37	-20.86	-18.52	-16.11	-13.42	-9.893	-19.01	-20.20	-24.46	-0.38	-016.55	-78.1	+0.000
1515	-22.37	-20.85	-18.52	-16.09	-13.41	-10.031	-19.03	-20.21	-24.47	-0.55	-012.17	-124.2	+0.000
1530	-22.37	-20.85	-18.52	-16.07	-13.40	-10.169	-19.04	-20.22	-24.48	-0.72	-007.79	-170.3	+0.000
1545	-22.37	-20.85	-18.51	-16.05	-13.39	-10.307	-19.06	-20.24	-24.49	-0.89	-003.41	-216.4	+0.000
1600	-22.37	-20.85	-18.51	-16.03	-13.38	-10.445	-19.07	-20.24	-24.49	-1.06	-000.00	-262.5	+0.000
1615	-22.37	-20.84	-18.50	-16.01	-13.37	-10.583	-19.09	-20.25	-24.51	-1.23	-000.00	-308.6	+0.000
1630	-22.37	-20.84	-18.49	-16.00	-13.36	-10.721	-19.11	-20.27	-24.52	-1.40	-000.00	-354.7	+0.000
1645	-22.37	-20.84	-18.49	-16.00	-13.36	-10.859	-19.12	-20.27	-24.53	-1.57	-000.00	-400.8	+0.000
1700	-22.36	-20.83	-18.48	-16.00	-13.36	-10.997	-19.11	-20.29	-24.54	-1.74	-000.00	-446.9	+0.000
1715	-22.36	-20.83	-18.48	-16.00	-13.36	-11.135	-19.14	-20.31	-24.56	-1.91	-000.00	-493.0	+0.000
1730	-22.36	-20.83	-18.48	-16.00	-13.36	-11.273	-19.14	-20.31	-24.56	-2.08	-000.00	-539.1	+0.000
1745	-22.36	-20.83	-18.48	-16.00	-13.36	-11.411	-19.13	-20.32	-24.57	-2.25	-000.00	-585.2	+0.000
1760	-22.36	-20.83	-18.48	-16.00	-13.36	-11.549	-19.15	-20.33	-24.58	-2.42	-000.00	-631.3	+0.000
1775	-22.36	-20.83	-18.48	-16.00	-13.36	-11.687	-19.15	-20.33	-24.58	-2.59	-000.00	-677.4	+0.000
1790	-22.36	-20.83	-18.48	-16.00	-13.36	-11.825	-19.13	-20.33	-24.58	-2.76	-000.00	-723.5	+0.000
1805	-22.36	-20.82	-18.45	-16.01	-13.35	-11.963	-19.14	-20.33	-24.58	-2.93	-000.00	-769.6	+0.000
1820	-22.36	-20.82	-18.45	-16.01	-13.35	-12.101	-19.14	-20.33	-24.58	-3.10	-000.00	-815.7	+0.000
1835	-22.36	-20.82	-18.45	-16.01	-13.35	-12.239	-19.15	-20.33	-24.58	-3.27	-000.00	-861.8	+0.000
1850	-22.36	-20.82	-18.45	-16.01	-13.35	-12.377	-19.15	-20.33	-24.58	-3.44	-000.00	-907.9	+0.000
1905	-22.35	-20.81	-18.43	-16.02	-13.34	-12.515	-19.14	-20.33	-24.58	-3.61	-000.00	-954.0	+0.000
1920	-22.35	-20.81	-18.43	-16.02	-13.34	-12.653	-19.14	-20.33	-24.58	-3.78	-000.00	-1000.1	+0.000
1935	-22.35	-20.81	-18.43	-16.02	-13.34	-12.791	-19.14	-20.33	-24.58	-3.95	-000.00	-1046.2	+0.000
1950	-22.35	-20.81	-18.43	-16.02	-13.34	-12.929	-19.13	-20.33	-24.58	-4.12	-000.00	-1092.3	+0.000
2005	-22.35	-20.81	-18.43	-16.02	-13.34	-13.067	-19.13	-20.33	-24.58	-4.29	-000.00	-1138.4	+0.000
2020	-22.35	-20.81	-18.43	-16.02	-13.34	-13.205	-19.13	-20.33	-24.58	-4.46	-000.00	-1184.5	+0.000
2035	-22.35	-20.80	-18.42	-16.03	-13.33	-13.343	-19.12	-20.32	-24.57	-4.63	-000.00	-1230.6	+0.000
2050	-22.35	-20.80	-18.42	-16.03	-13.33	-13.481	-19.12	-20.32	-24.57	-4.80	-000.00	-1276.7	+0.000
2105	-22.35	-20.80	-18.42	-16.03	-13.33	-13.619	-19.11	-20.31	-24.57	-4.97	-000.00	-1322.8	+0.000
2120	-22.35	-20.80	-18.42	-16.03	-13.33	-13.757	-19.11	-20.31	-24.57	-5.14	-000.00	-1368.9	+0.000
2135	-22.35	-20.80	-18.42	-16.03	-13.33	-13.895	-19.10	-20.31	-24.57	-5.31	-000.00	-1415.0	+0.000
2150	-22.35	-20.80	-18.42	-16.03	-13.33	-14.033	-19.10	-20.31	-24.57	-5.48	-000.00	-1461.1	+0.000
2165	-22.35	-20.79	-18.41	-16.04	-13.32	-14.171	-19.10	-20.31	-24.56	-5.65	-000.00	-1507.2	+0.000
2180	-22.35	-20.79	-18.41	-16.04	-13.32	-14.309	-19.09	-20.31	-24.56	-5.82	-000.00	-1553.3	+0.000
2195	-22.35	-20.79	-18.41	-16.04	-13.32	-14.447	-19.08	-20.30	-24.55	-6.00	-000.00	-1599.4	+0.000
2210	-22.35	-20.79	-18.41	-16.04	-13.32	-14.585	-19.08	-20.30	-24.55	-6.17	-000.00	-1645.5	+0.000
2225	-22.35	-20.79	-18.40	-16.05	-13.31	-14.723	-19.08	-20.30	-24.55	-6.34	-000.00	-1691.6	+0.000
2240	-22.35	-20.79	-18.40	-16.05	-13.31	-14.861	-19.06	-20.29	-24.54	-6.51	-000.00	-1737.7	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf. PVC							1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC	Air			
2345	-22.34	-20.79	-18.40	-16.98	-16.59	-08.31	-19.06	-20.29	-24.53	+10.10	+64.57	-20.72	+0.000
2300	-22.34	-20.78	-18.40	-16.99	-16.51	-08.34	-19.05	-20.28	-24.53	+10.19	+64.90	-16.68	+0.000
2315	-22.35	-20.79	-18.40	-16.99	-16.43	-08.42	-19.05	-20.28	-24.53	+10.29	+65.24	-19.03	+0.000
2330	-22.34	-20.78	-18.39	-16.99	-16.35	-08.23	-19.03	-20.26	-24.51	+10.25	+65.59	-27.23	+0.000
2345	-22.34	-20.78	-18.40	-16.99	-16.26	-07.84	-19.03	-20.25	-24.50	+10.39	+65.93	-30.36	+0.000
0000	-22.34	-20.78	-18.40	-16.99	-16.18	-07.49	-19.02	-20.25	-24.50	+10.39	+67.79	-30.59	+0.000
0015	-22.33	-20.77	-18.39	-16.99	-16.09	-07.27	-19.01	-20.23	-24.49	+10.82	+68.97	-28.16	+0.000
0030	-22.34	-20.77	-18.39	-16.95	-16.01	-07.23	-19.00	-20.22	-24.48	+10.71	+070.7	-21.47	+0.000
0045	-22.34	-20.77	-18.40	-16.98	-15.93	-07.19	-18.99	-20.21	-24.47	+10.60	+071.2	-14.05	+0.000
0100	-22.34	-20.77	-18.40	-16.98	-15.85	-07.19	-18.98	-20.21	-24.47	+10.49	+071.6	-19.63	+0.000
0115	-22.34	-20.77	-18.40	-16.97	-15.77	-07.04	-18.97	-20.20	-24.46	+10.38	+071.1	-27.87	+0.000
0130	-22.34	-20.76	-18.40	-16.96	-15.69	-6.720	-18.97	-20.20	-24.45	+10.27	+071.5	-30.30	+0.000
0145	-22.34	-20.76	-18.40	-16.95	-15.61	-6.286	-18.96	-20.19	-24.44	+10.16	+071.8	-30.66	+0.000
0200	-22.33	-20.75	-18.39	-16.94	-15.53	-5.987	-18.95	-20.18	-24.44	+10.05	+072.1	-29.93	+0.000
0215	-22.33	-20.75	-18.40	-16.93	-15.45	-5.733	-18.93	-20.17	-24.43	+9.94	+072.4	-29.20	+0.000
0230	-22.33	-20.75	-18.40	-16.92	-15.38	-5.420	-18.92	-20.17	-24.42	+9.83	+072.7	-28.47	+0.000
0245	-22.33	-20.75	-18.40	-16.90	-15.29	-5.185	-18.91	-20.16	-24.41	+9.72	+073.0	-27.74	+0.000
0300	-22.33	-20.75	-18.40	-16.89	-15.22	-5.020	-18.90	-20.15	-24.40	+9.61	+073.3	-27.01	+0.000
0315	-22.33	-20.74	-18.40	-16.88	-15.14	-4.786	-18.89	-20.15	-24.40	+9.50	+073.6	-26.28	+0.000
0330	-22.33	-20.74	-18.40	-16.85	-15.06	-4.577	-18.88	-20.14	-24.39	+9.39	+073.9	-25.55	+0.000
0345</													

Time	1.75m					1.0m					Surf.	1.75m			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC	PVC	PVC								
D 1230	22.29	20.66	18.34	15.88	13.77	-25.89	-18.63	-19.90	-24.17	-15.35	-43.07	-146.3	0.000					
D 1245	22.28	20.65	18.34	15.86	13.95	-25.12	-18.64	-19.92	-24.18	-14.57	-42.00	-147.0	0.000					
D 1300	22.28	20.65	18.34	15.85	14.13	-23.99	-18.66	-19.92	-24.18	-14.32	-41.59	-130.2	0.000					
D 1315	22.28	20.65	18.33	15.83	14.33	-22.96	-18.67	-19.93	-24.19	-14.45	-41.34	-126.2	0.000					
D 1330	22.29	20.65	18.33	15.83	14.53	-22.30	-18.68	-19.94	-24.20	-14.50	-40.90	-129.4	0.000					
D 1345	22.28	20.65	18.32	15.82	14.72	-21.99	-18.69	-19.95	-24.21	-14.45	-40.49	-131.7	0.000					
D 1400	22.28	20.64	18.31	15.81	14.92	-22.87	-18.70	-19.96	-24.22	-14.55	-39.44	-137.7	0.000					
D 1415	22.28	20.64	18.31	15.81	15.10	-22.97	-18.71	-19.96	-24.22	-14.74	-38.98	-143.0	0.000					
D 1430	22.28	20.64	18.30	15.81	15.28	-22.22	-18.73	-19.98	-24.23	-14.56	-39.04	-146.8	0.000					
D 1445	22.27	20.63	18.30	15.82	15.44	-21.14	-18.74	-19.98	-24.24	-14.18	-39.54	-155.46	0.000					
D 1500	22.27	20.63	18.29	15.83	15.59	-19.84	-18.75	-19.99	-24.25	-13.71	-40.16	-143.45	0.000					
D 1515	22.28	20.64	18.29	15.85	15.74	-18.94	-18.76	-20.00	-24.25	-13.66	-40.51	-122.13	0.000					
D 1530	22.27	20.63	18.28	15.86	15.88	-17.83	-18.77	-20.01	-24.26	-12.99	-42.10	-5.445	0.000					
D 1545	22.27	20.63	18.27	15.88	16.01	-16.50	-18.78	-20.02	-24.27	-12.46	-44.23	2.561	0.000					
D 1600	22.27	20.63	18.26	15.91	16.11	-15.11	-18.78	-20.02	-24.28	-11.65	-46.26	5.621	0.000					
D 1615	22.27	20.62	18.25	15.93	16.21	-14.28	-18.79	-20.03	-24.29	-11.18	-48.78	-12.98	0.000					
D 1630	22.27	20.62	18.25	15.95	16.28	-14.34	-18.79	-20.04	-24.29	-10.54	-48.44	-26.53	0.000					
D 1645	22.27	20.62	18.24	15.98	16.34	-14.21	-18.80	-20.04	-24.30	-11.49	-47.48	-3.397	0.000					
D 1700	22.26	20.62	18.24	16.00	16.38	-13.64	-18.80	-20.05	-24.30	-11.19	-49.88	-4.274	0.000					
D 1715	22.27	20.61	18.23	16.03	16.41	-13.16	-18.80	-20.05	-24.30	-11.04	-52.68	-08.17	0.000					
D 1730	22.27	20.61	18.23	16.06	16.43	-12.66	-18.80	-20.05	-24.30	-10.91	-53.17	-09.76	0.000					
D 1745	22.26	20.61	18.21	16.09	16.43	-12.03	-18.81	-20.05	-24.30	-10.61	-53.18	-07.48	0.000					
D 1800	22.26	20.61	18.21	16.12	16.42	-11.62	-18.81	-20.06	-24.31	-10.40	-54.22	-09.24	0.000					
D 1815	22.26	20.60	18.20	16.14	16.41	-11.35	-18.80	-20.06	-24.31	-10.27	-55.76	-11.65	0.000					
D 1830	22.26	20.60	18.20	16.16	16.38	-11.13	-18.80	-20.06	-24.31	-10.20	-56.59	-14.55	0.000					
D 1845	22.26	20.61	18.20	16.19	16.36	-10.83	-18.80	-20.06	-24.31	-10.10	-56.50	-15.51	0.000					
D 1900	22.26	20.60	18.19	16.21	16.33	-10.57	-18.80	-20.06	-24.31	-10.16	-56.31	-16.51	0.000					
D 1915	22.26	20.60	18.19	16.24	16.28	-10.37	-18.79	-20.05	-24.31	-09.97	-55.24	-14.51	0.000					
D 1930	22.26	20.60	18.18	16.26	16.23	-10.21	-18.79	-20.05	-24.30	-09.73	-54.18	-13.31	0.000					
D 1945	22.26	20.60	18.18	16.29	16.18	-10.05	-18.78	-20.04	-24.30	-09.82	-55.01	-13.71	0.000					
D 2000	22.26	20.59	18.17	16.30	16.12	-09.84	-18.78	-20.05	-24.30	-09.73	-55.80	-13.88	0.000					
D 2015	22.26	20.59	18.16	16.33	16.07	-09.71	-18.77	-20.04	-24.29	-09.54	-57.07	-13.36	0.000					
D 2030	22.26	20.59	18.16	16.33	16.01	-09.60	-18.77	-20.04	-24.29	-09.34	-58.59	-12.80	0.000					
D 2045	22.26	20.59	18.16	16.35	15.95	-09.47	-18.76	-20.03	-24.28	-09.17	-57.88	-13.12	0.000					
D 2100	22.25	20.59	18.15	16.36	15.89	-09.30	-18.75	-20.03	-24.28	-08.99	-59.08	-14.75	0.000					
D 2115	22.25	20.58	18.15	16.37	15.82	-09.11	-18.75	-20.02	-24.27	-08.97	-60.41	-14.69	0.000					
D 2130	22.25	20.58	18.14	16.37	15.76	-08.95	-18.74	-20.02	-24.27	-08.92	-60.60	-16.40	0.000					
D 2145	22.25	20.58	18.14	16.38	15.70	-08.79	-18.74	-20.01	-24.26	-08.85	-59.76	-15.17	0.000					
D 2200	22.25	20.58	18.14	16.39	15.64	-08.64	-18.73	-20.01	-24.26	-08.77	-58.89	-20.51	0.000					
D 2215	22.25	20.57	18.13	16.39	15.58	-08.33	-18.72	-20.01	-24.25	-08.69	-57.31	-24.92	0.000					
D 2230	22.25	20.58	18.13	16.40	15.51	-07.98	-18.72	-20.00	-24.25	-08.31	-58.75	-27.30	0.000					
D 2245	22.25	20.57	18.13	16.40	15.45	-07.49	-18.71	-19.99	-24.25	-07.85	-59.99	-32.45	0.000					
D 2300	22.25	20.57	18.13	16.39	15.39	-07.11	-18.70	-19.99	-24.24	-07.82	-59.52	-29.36	0.000					
D 2315	22.24	20.57	18.13	16.39	15.33	-07.03	-18.69	-19.98	-24.23	-07.80	-59.15	-20.27	0.000					
D 2330	22.24	20.57	18.12	16.39	15.26	-6.922	-18.68	-19.98	-24.22	-07.58	-59.30	-27.85	0.000					
D 2345	22.24	20.56	18.12	16.38	15.20	-6.577	-18.68	-19.97	-24.22	-07.43	-59.19	-31.48	0.000					
D 0000	22.24	20.56	18.12	16.38	15.13	-6.223	-18.67	-19.96	-24.21	-07.38	-56.96	-33.21	0.000					
D 0030	22.24	20.56	18.12	16.38	15.06	-5.938	-18.66	-19.96	-24.21	-07.38	-54.44	-33.32	0.000					
D 0045	22.24	20.56	18.12	16.37	15.00	-5.741	-18.64	-19.95	-24.19	-07.34	-52.71	-33.94	0.000					
D 0100	22.24	20.56	18.12	16.36	14.93	-5.517	-18.64	-19.94	-24.19	-07.28	-50.94	-35.20	0.000					
D 0115	22.24	20.55	18.11	16.35	14.85	-5.248	-18.63	-19.94	-24.18	-07.19	-50.13	-33.51	0.000					
D 0130	22.23	20.55	18.11	16.34	14.79	-4.892	-18.62	-19.93	-24.18	-6.841	-51.25	-35.53	0.000					
D 0145	22.23	20.54	18.11	16.33	14.71	-4.595	-18.61	-19.92	-24.17	-6.680	-51.88	-35.05	0.000					
D 0200	22.23	20.54	18.11	16.31	14.63	-4.425	-18.60	-19.91	-24.16	-6.634	-53.13	-34.64	0.000					
D 0200	22.23	20.55	18.11	16.31	14.56	-4.357	-18.59	-19.90	-24.15	-6.577	-53.91	-34.83	0.000					

Time	1.75m					1.0m					Surf.	1.75m			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC	PVC	PVC								
D 0215	22.23	20.55	18.10	16.29	14.48	-4.230	-18.58	-19.90	-24.14	-6.440	-54.75	-33.88	0.000					
D 0230	22.23	20.55	18.10	16.27	14.41	-4.164	-18.57	-19.89	-24.14	-6.396	-55.12	-34.00	0.000					
D 0245	22.23	20.54	18.10	16.26	14.33	-4.055	-18.56	-19.88	-24.13	-6.257	-56.07	-34.86	0.000					
D 0300	22.23	20.54	18.10	16.24	14.25	-3.947	-18.55	-19.88	-24.12	-6.161	-56.83	-34.31	0.000					
D 0315	22.23	20.54	18.10	16.23	14.17	-3.765	-18.54	-19.86	-24.11	-6.026	-56.84	-35.20	0.000					
D 0330	22.23	20.53	18.10	16.21	14.09	-3.598	-18.53	-19.85	-24.11	-6.000	-56.74	-35.58	0.000					
D 0345	22.23	20.53	18.09	16.19	14.01	-3.450	-18.52	-19.85	-24.09	-5.946	-56.22	-34.86	0.000					
D 0400	22.23	20.53	18.09	16.17	13.94	-3.341	-18.51	-19.84	-24.09	-5.849	-54.58	-35.98	0.000					
D 0415	22.22	20.53	18.09	16.15	13.86	-3.233	-18.50	-19.84	-24.08	-5.807	-52.83	-35.48	0.000					
D 0430	22.22	20.52	18.09	16.12	13.78	-3.118	-18.49	-19.83	-24.07	-5.607	-52.81	-35.09	0.000					
D 0445	22.22	20.52	18.09	16.10	13.71	-2.875	-18.47	-19.82	-24.06	-5.412	-52.93	-32.44	0.000					
D 0500	22.22	20.52	18.08	16.08	13.63	-2.569	-18.47	-19.81	-24.06	-5.062	-53.07	-35.31	0.000					
D 0515	22.22	20.52	18.08	16.06	13.56	-2.282	-18.45	-19.79	-24.04	-4.897	-53.48	-35.12	0.000					
D 0530	22.22	20.51	18.08	16.03	13.49	-2.077	-18.44	-19.79	-24.04	-4.896	-53.52	-34.81	0.000					
D 0545	22.22	20.51	18.08	16.01	13.41	-1.889	-18.43	-19.78	-24.03	-4.810	-52.82	-34.72	0.000					
D 0600	22.22	20.51	18.08	15.99	13.34	-1.657	-18.42	-19.77	-24.02	-4.704	-53.66	-31.51	0.000					
D 0615	22.22	20.51	18.08	15.96	13.27	-1.362	-18.41	-19.76	-24.01	-4.583	-54.95	-33.33	0.000					
D 0630	22.22	20.51	18.07	15.94	13.19	-1.028	-18.39	-19.75	-24.00	-4.380	-55.57	-33.16	0.000					
D 0645	22.21	20.50	18.07	15.91	13.11	-0.846	-18.38	-19.74	-23.99	-4.386	-57.22	-35.12	0.000					
D 0700	22.21	20.50	18.06	15.88	13.04	-0.805	-18.36	-19.73	-23.98	-4.322	-58.79	-35.20	0.000					
D 0715	22.21	20.50	18.06	15.85	12.96	-0.638	-18.35	-19.72	-23.97	-4.199	-58.92	-35.09	0.000					
D 0730	22.21	20.50	18.06	15.83	12.88	-0.371	-18.34	-19.71	-23.97	-3.985	-59.63	-33.71	0.000					
D 0745	22.21	20.50	18.06	15.80	12.81	-0.399	-18.33	-19.70	-23.96	-3.453	-60.19	-31.55	0.000					
D 0800	22.21	20.50	18.06	15.77	12.73	-0.332	-18.32	-19.69	-23.95	-3.368	-60.29	-26.84	0.000					
D 0815	22.21	20.49	18.05	15.74	12.66	-0.883	-18.31	-19.69	-23.94	-4.110	-61.45	-17.67	0.000					
D 0830	22.21	20.49	18.05	15.71	12.58	-2.285	-18.29	-19.67	-23.93	-4.979	-61.80	-26.24	0.000					
D 0845	22.21	20.49	18.05	15.68	12.50	-4.123	-18.28	-19.67	-23.92	-5.826	-60.81	-61.48	0.000					

Time	1.75m					1.0m			1.75m			Rel. Hum.	Net Rad.	Precip
	Soil	Soil	.5m	.25m	.125m	Surf. Soil	PVC	PVC	PVC	Air				
1615	-22.17	-20.42	-17.89	-15.24	-15.82	-23.51	-18.47	-19.77	-24.01	-11.80	+37.80	+157.4	+0.000	
1630	-22.17	-20.41	-17.88	-15.27	-16.02	-23.19	-18.49	-19.78	-24.03	-11.15	+39.31	+102.6	+0.000	
1645	-22.17	-20.41	-17.87	-15.30	-16.20	-20.36	-18.51	-19.80	-24.04	-10.22	+39.93	+15.16	+0.000	
1700	-22.17	-20.41	-17.86	-15.34	-16.36	-18.20	-18.53	-19.82	-24.07	-09.18	+41.22	-21.78	+0.000	
1715	-22.16	-20.41	-17.85	-15.37	-16.51	-16.44	-18.53	-19.84	-24.08	+08.69	+42.31	-26.14	+0.000	
1730	-22.16	-20.40	-17.84	-15.41	-16.64	-15.19	-18.56	-19.85	-24.09	+08.50	+42.99	-22.78	+0.000	
1745	-22.16	-20.40	-17.84	-15.44	-16.74	-14.44	-18.57	-19.87	-24.10	+08.53	+43.33	-0.512	+0.000	
1800	-22.16	-20.40	-17.83	-15.46	-16.75	-14.39	-18.54	-19.86	-24.10	+08.54	+44.46	-19.14	+0.000	
1815	-22.17	-20.40	-17.83	-15.50	-16.83	-13.95	-18.56	-19.86	-24.11	+08.54	+44.67	-23.32	+0.000	
1830	-22.16	-20.40	-17.81	-15.59	-16.94	-11.42	-18.57	-19.88	-24.11	+07.78	+45.82	-25.27	+0.000	
1845	-22.16	-20.40	-17.81	-15.64	-17.06	-11.85	-18.58	-19.88	-24.12	+07.82	+44.82	-22.94	+0.000	
1900	-22.16	-20.40	-17.80	-15.69	-16.96	-11.48	-18.56	-19.88	-24.11	+07.78	+45.82	-22.94	+0.000	
1915	-22.16	-20.39	-17.80	-15.73	-16.93	-11.12	-18.58	-19.89	-24.12	+07.73	+47.10	-21.97	+0.000	
1930	-22.16	-20.39	-17.79	-15.77	-16.90	-10.57	-18.57	-19.89	-24.12	+07.67	+47.51	-17.75	+0.000	
1945	-22.16	-20.39	-17.79	-15.82	-16.86	-10.46	-18.57	-19.88	-24.12	+07.71	+47.26	-18.19	+0.000	
2000	-22.16	-20.39	-17.78	-15.86	-16.80	-10.29	-18.57	-19.88	-24.12	+07.74	+46.47	-18.20	+0.000	
2015	-22.16	-20.39	-17.78	-15.90	-16.75	-10.29	-18.57	-19.89	-24.12	+07.68	+46.81	-18.40	+0.000	
2030	-22.15	-20.38	-17.76	-15.93	-16.67	-10.10	-18.57	-19.89	-24.12	+07.60	+47.40	-18.28	+0.000	
2045	-22.16	-20.38	-17.77	-15.97	-16.60	-09.88	-18.57	-19.88	-24.11	+07.50	+48.47	-16.70	+0.000	
2100	-22.15	-20.38	-17.76	-16.00	-16.53	-09.35	-18.54	-19.87	-24.10	+07.50	+48.62	-14.84	+0.000	
2115	-22.15	-20.38	-17.76	-16.03	-16.45	-09.21	-18.54	-19.87	-24.10	+07.60	+48.65	-14.22	+0.000	
2130	-22.15	-20.37	-17.75	-16.05	-16.37	-09.16	-18.54	-19.86	-24.10	+07.60	+48.71	-13.66	+0.000	
2145	-22.15	-20.37	-17.74	-16.06	-16.29	-09.07	-18.52	-19.86	-24.09	+07.59	+48.72	-13.66	+0.000	
2200	-22.15	-20.37	-17.75	-16.08	-16.30	-09.16	-18.54	-19.86	-24.10	+07.60	+48.72	-13.53	+0.000	
2215	-22.14	-20.36	-17.74	-16.12	-16.13	-09.11	-18.53	-19.85	-24.08	+07.64	+49.64	-12.13	+0.000	
2230	-22.14	-20.36	-17.74	-16.14	-16.03	-09.00	-18.52	-19.85	-24.09	+07.74	+51.69	-12.41	+0.000	
2245	-22.14	-20.37	-17.74	-16.16	-15.98	-08.56	-18.51	-19.85	-24.08	+07.72	+58.60	-12.18	+0.000	
2300	-22.14	-20.36	-17.74	-16.16	-15.90	-08.29	-18.50	-19.84	-24.07	+07.55	+63.90	-11.52	+0.000	
2315	-22.14	-20.36	-17.74	-16.16	-15.81	-08.13	-18.50	-19.84	-24.07	+08.69	+68.53	-11.20	+0.000	
2330	-22.14	-20.35	-17.73	-16.18	-15.74	-07.98	-18.49	-19.83	-24.07	+09.07	+73.03	-11.20	+0.000	
2345	-22.14	-20.36	-17.73	-16.19	-15.68	-07.87	-18.48	-19.83	-24.06	+09.25	+76.2	-10.85	+0.000	
0000	-22.14	-20.35	-17.73	-16.19	-15.60	-07.83	-18.47	-19.82	-24.05	+09.15	+78.3	-11.18	+0.000	

Time	1.75m					1.0m			1.75m			Rel. Hum.	Net Rad.	Precip
	Soil	Soil	.5m	.25m	.125m	Surf. Soil	PVC	PVC	PVC	Air				
0015	-22.14	-20.35	-17.73	-16.20	-15.53	-07.78	-18.46	-19.81	-24.05	+09.52	+79.9	-10.68	+0.000	
0030	-22.14	-20.35	-17.73	-16.20	-15.46	-07.77	-18.46	-19.81	-24.04	+09.79	+82.2	-9.02	+0.000	
0045	-22.13	-20.34	-17.73	-16.20	-15.38	-07.77	-18.45	-19.80	-24.03	+09.58	+84.5	-10.10	+0.000	
0100	-22.14	-20.35	-17.73	-16.20	-15.31	-07.66	-18.44	-19.79	-24.03	+09.70	+86.1	-13.68	+0.000	
0115	-22.14	-20.35	-17.73	-16.19	-15.24	-07.43	-18.43	-19.79	-24.02	+10.02	+87.7	-09.99	+0.000	
0130	-22.14	-20.34	-17.73	-16.19	-15.17	-07.38	-18.43	-19.78	-24.02	+10.56	+88.2	-09.39	+0.000	
0145	-22.13	-20.34	-17.73	-16.18	-15.10	-07.33	-18.41	-19.75	-23.99	+14.66	+88.9	-07.88	+0.000	
0200	-22.13	-20.33	-17.73	-16.18	-15.03	-07.25	-18.40	-19.74	-23.98	+14.29	+89.4	-08.92	+0.000	
0215	-22.13	-20.33	-17.73	-16.16	-14.90	-07.27	-18.40	-19.73	-23.98	+14.46	+89.9	-09.13	+0.000	
0230	-22.13	-20.33	-17.73	-16.16	-14.82	-07.21	-18.39	-19.73	-23.97	+14.81	+89.9	-11.08	+0.000	
0245	-22.13	-20.33	-17.73	-16.15	-14.74	-07.19	-18.39	-19.73	-23.97	+14.90	+90.0	-15.37	+0.000	
0300	-22.13	-20.32	-17.73	-16.14	-14.78	-07.19	-18.39	-19.73	-23.96	+15.21	+90.1	-12.51	+0.000	
0315	-22.13	-20.32	-17.73	-16.12	-14.72	-07.19	-18.38	-19.71	-23.95	+16.60	+90.0	-07.28	+0.000	
0330	-22.13	-20.32	-17.73	-16.12	-14.66	-07.19	-18.37	-19.71	-23.95	+16.60	+89.6	-08.09	+0.000	
0345	-22.13	-20.32	-17.73	-16.11	-14.60	-07.11	-18.36	-19.71	-23.95	+18.50	+89.0	-07.66	+0.000	
0400	-22.13	-20.32	-17.73	-16.09	-14.55	-07.11	-18.35	-19.70	-23.94	+18.94	+10.1	+0.000		
0415	-22.13	-20.31	-17.73	-16.08	-14.49	-07.05	-18.33	-19.69	-23.92	+20.86	+89.2	-07.34	+0.000	
0430	-22.12	-20.31	-17.73	-16.08	-14.44	-07.05	-18.33	-19.68	-23.92	+20.00	+89.0	-06.975	+1.000	
0445	-22.12	-20.31	-17.73	-16.06	-14.38	-07.05	-18.33	-19.68	-23.92	+20.00	+89.0	-07.33	+0.000	
0460	-22.12	-20.31	-17.73	-16.03	-14.32	-07.05	-18.32	-19.67	-23.91	+20.00	+89.0	-07.18	+0.000	
0475	-22.12	-20.31	-17.73	-16.02	-14.27	-07.06	-18.32	-19.67	-23.91	+20.00	+89.0	-07.50	+0.000	
0490	-22.12	-20.31	-17.73	-16.03	-14.22	-07.03	-18.31	-19.66	-23.90	+20.00	+88.9	-07.18	+0.000	
0505	-22.12	-20.31	-17.73	-16.00	-14.18	-07.03	-18.30	-19.65	-23.89	+20.00	+89.1	-07.04	+0.000	
0520	-22.12	-20.30	-17.73	-15.98	-14.18	-07.03	-18.30	-19.65	-23.89	+20.00	+89.1	-07.04	+0.000	
0535	-22.12	-20.30	-17.73	-15.98	-14.18	-07.03	-18.30	-19.65	-23.89	+20.00	+89.1	-07.04	+0.000	
0545	-22.11	-20.30	-17.73	-15.98	-14.18	-07.03	-18.30	-19.65	-23.89	+20.00	+89.1	-07.04	+0.000	



Time	1.0m 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m 1.0m .5m			.25m .125m Surf.			PVC	PVC	PVC	Air			
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m				
D 2000	-22.05	-20.17	-17.58	-15.24	-13.62	-3.934	-18.05	-19.46	-23.69	-11.05	-082.9	-28.49	+0.000
D 2015	-22.05	-20.17	-17.58	-15.24	-13.62	-3.934	-18.05	-19.46	-23.69	-11.05	-082.9	-28.49	+0.000
D 2030	-22.05	-20.16	-17.57	-15.23	-13.51	-3.358	-18.03	-19.45	-23.68	-10.67	-082.4	-26.82	+0.000
D 2045	-22.05	-20.16	-17.56	-15.22	-13.46	-3.095	-18.02	-19.45	-23.67	-09.90	-082.3	-26.45	+0.000
D 2100	-22.05	-20.16	-17.56	-15.22	-13.39	-2.873	-18.01	-19.44	-23.67	-09.65	-082.7	-25.48	+0.000
D 2115	-22.05	-20.16	-17.55	-15.21	-13.32	-2.675	-18.00	-19.43	-23.66	-09.71	-083.0	-24.92	+0.000
D 2130	-22.05	-20.16	-17.55	-15.21	-13.26	-2.452	-17.99	-19.42	-23.65	-09.48	-083.4	-23.92	+0.000
D 2145	-22.04	-20.15	-17.54	-15.19	-13.19	-2.210	-17.98	-19.42	-23.65	-09.30	-083.8	-21.90	+0.000
D 2200	-22.04	-20.15	-17.54	-15.18	-13.12	-2.156	-17.98	-19.41	-23.64	-10.45	-084.7	-23.26	+0.000
D 2215	-22.04	-20.15	-17.53	-15.17	-13.04	-2.157	-17.97	-19.41	-23.63	-11.43	-085.0	-22.46	+0.000
D 2230	-22.05	-20.15	-17.53	-15.16	-12.95	-2.089	-17.96	-19.40	-23.63	-11.72	-085.7	-23.34	+0.000
D 2245	-22.04	-20.15	-17.53	-15.16	-12.89	-1.857	-17.95	-19.39	-23.61	-11.06	-085.2	-22.95	+0.000
D 2300	-22.04	-20.14	-17.52	-15.14	-12.81	-1.658	-17.93	-19.38	-23.60	-11.02	-085.5	-20.99	+0.000
D 2315	-22.04	-20.14	-17.52	-15.12	-12.74	-1.558	-17.93	-19.38	-23.60	-11.51	-085.6	-21.22	+0.000
D 2330	-22.04	-20.14	-17.51	-15.11	-12.66	-1.475	-17.92	-19.37	-23.59	-11.82	-085.7	-20.78	+0.000
D 2345	-22.04	-20.13	-17.50	-15.09	-12.58	-1.371	-17.91	-19.36	-23.59	-11.97	-085.8	-20.33	+0.000
D 0000	-22.04	-20.14	-17.50	-15.07	-12.50	-1.248	-17.89	-19.35	-23.57	-11.80	-085.8	-20.54	+0.000
87.08													
D 0015	-22.03	-20.13	-17.49	-15.05	-12.43	-1.147	-17.88	-19.34	-23.57	-11.55	-085.7	-20.28	+0.000
D 0030	-22.03	-20.13	-17.49	-15.03	-12.35	-1.157	-17.87	-19.33	-23.56	-11.86	-085.5	-19.63	+0.000
D 0045	-22.03	-20.13	-17.49	-15.01	-12.28	-1.202	-17.86	-19.32	-23.55	-12.11	-085.1	-19.34	+0.000
D 0100	-22.03	-20.13	-17.48	-14.99	-12.21	-1.194	-17.86	-19.32	-23.54	-11.17	-084.3	-21.85	+0.000
D 0115	-22.03	-20.13	-17.48	-14.97	-12.14	-1.135	-17.84	-19.31	-23.53	-10.46	-084.4	-25.06	+0.000
D 0130	-22.03	-20.12	-17.48	-14.95	-12.06	-1.112	-17.83	-19.29	-23.52	-11.13	-084.7	-21.87	+0.000
D 0145	-22.03	-20.12	-17.47	-14.92	-11.99	-0.875	-17.81	-19.29	-23.52	-09.90	-085.0	-21.60	+0.000
D 0200	-22.03	-20.12	-17.47	-14.90	-11.92	-0.723	-17.81	-19.28	-23.51	-10.28	-085.9	-19.50	+0.000
D 0215	-22.02	-20.11	-17.46	-14.87	-11.85	-0.611	-17.80	-19.27	-23.50	-10.93	-085.9	-18.42	+0.000
D 0230	-22.02	-20.11	-17.45	-14.85	-11.79	-0.830	-17.79	-19.26	-23.50	-12.35	-085.7	-19.66	+0.000
D 0245	-22.02	-20.11	-17.45	-14.82	-11.72	-1.003	-17.78	-19.25	-23.49	-12.27	-085.7	-20.91	+0.000
D 0300	-22.02	-20.11	-17.44	-14.80	-11.65	-0.764	-17.77	-19.24	-23.48	-10.20	-085.7	-20.78	+0.000
D 0315	-22.02	-20.11	-17.44	-14.77	-11.59	-0.539	-17.76	-19.23	-23.46	-10.95	-086.3	-19.97	+0.000
D 0330	-22.02	-20.10	-17.43	-14.74	-11.53	-0.387	-17.74	-19.22	-23.46	-10.95	-086.3	-19.97	+0.000
D 0345	-22.03	-20.11	-17.43	-14.72	-11.47	-0.273	-17.73	-19.21	-23.45	-11.31	-086.5	-19.93	+0.000
D 0400	-22.02	-20.10	-17.42	-14.69	-11.41	-0.195	-17.73	-19.21	-23.45	-12.73	-087.2	-18.77	+0.000
D 0415	-22.02	-20.10	-17.42	-14.66	-11.34	-0.147	-17.72	-19.20	-23.44	-13.90	-087.3	-19.19	+0.000
D 0430	-22.01	-20.10	-17.41	-14.63	-11.29	-0.132	-17.70	-19.19	-23.43	-14.39	-087.0	-19.73	+0.000
D 0445	-22.01	-20.10	-17.41	-14.63	-11.29	-0.132	-17.69	-19.19	-23.42	-13.83	-086.7	-19.08	+0.000
D 0500	-22.01	-20.09	-17.40	-14.57	-11.17	-0.051	-17.68	-19.18	-23.42	-13.22	-086.6	-18.50	+0.000
D 0515	-22.02	-20.09	-17.40	-14.55	-11.12	-0.003	-17.66	-19.16	-23.40	-13.73	-087.1	-18.50	+0.000
D 0530	-22.02	-20.09	-17.39	-14.52	-11.06	-0.058	-17.65	-19.15	-23.39	-15.30	-087.0	-19.60	+0.000
D 0545	-22.01	-20.09	-17.38	-14.49	-11.00	-0.157	-17.65	-19.14	-23.38	-16.63	-086.6	-17.85	+0.000
D 0600	-22.01	-20.08	-17.37	-14.46	-10.94	-0.221	-17.64	-19.13	-23.37	-15.61	-086.5	-18.43	+0.000
D 0615	-22.01	-20.08	-17.37	-14.42	-10.89	-0.184	-17.62	-19.13	-23.37	-15.56	-086.6	-17.97	+0.000
D 0630	-22.01	-20.08	-17.36	-14.40	-10.84	-0.230	-17.62	-19.12	-23.36	-15.56	-086.7	-17.97	+0.000
D 0645	-22.00	-20.07	-17.36	-14.37	-10.78	-0.146	-17.60	-19.12	-23.35	-15.33	-086.8	-17.29	+0.000
D 0700	-22.01	-20.08	-17.35	-14.34	-10.73	-0.310	-17.59	-19.11	-23.34	-17.58	-086.8	-17.99	+0.000
D 0715	-22.01	-20.07	-17.34	-14.31	-10.67	-0.431	-17.58	-19.10	-23.34	-18.21	-086.5	-18.12	+0.000
D 0730	-22.01	-20.07	-17.34	-14.28	-10.64	-0.385	-17.57	-19.09	-23.33	-19.00	-086.3	-16.76	+0.000
D 0745	-22.00	-20.07	-17.33	-14.25	-10.59	-0.333	-17.57	-19.08	-23.32	-17.81	-086.3	-13.48	+0.000
D 0800	-22.00	-20.06	-17.32	-14.22	-10.54	-0.386	-17.55	-19.08	-23.31	-17.77	-086.7	-14.21	+0.000
D 0815	-22.00	-20.06	-17.32	-14.19	-10.50	-0.414	-17.54	-19.07	-23.31	-17.68	-086.3	-14.21	+0.000
D 0830	-21.99	-20.06	-17.31	-14.16	-10.45	-0.461	-17.54	-19.06	-23.30	-24.78	-085.4	-08.07	+0.000
D 0845	-21.99	-20.05	-17.30	-14.13	-10.41	-0.430	-17.53	-19.05	-23.29	-22.91	-085.1	-23.99	+0.000
D 0900	-22.00	-20.05	-17.30	-14.10	-10.37	-0.493	-17.52	-19.05	-23.28	-16.23	-085.5	-67.33	+0.000
D 0915	-21.99	-20.05	-17.29	-14.07	-10.34	-0.793	-17.51	-19.04	-23.28	-14.28	-084.9	-101.6	+0.000
D 0930	-21.99	-20.05	-17.28	-14.04	-10.30	-0.970	-17.50	-19.03	-23.27	-12.81	-082.3	-134.7	+0.000

Time	1.0m 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m 1.0m .5m			.25m .125m Surf.			PVC	PVC	PVC	Air			
	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m				
D 0945	-21.99	-20.05	-17.27	-14.01	-10.28	-11.29	-17.50	-19.03	-23.26	-11.19	-080.1	-168.6	+0.000
D 1000	-21.99	-20.04	-17.27	-13.98	-10.27	-12.95	-17.49	-19.02	-23.25	-11.37	-078.9	-195.5	+0.000
D 1015	-21.99	-20.04	-17.26	-13.95	-10.27	-14.39	-17.49	-19.02	-23.25	-11.34	-077.2	-216.0	+0.000
D 1030	-21.99	-20.04	-17.25	-13.92	-10.29	-15.49	-17.49	-19.02	-23.25	-11.23	-075.3	-229.3	+0.000
D 1045	-21.99	-20.04	-17.24	-13.89	-10.32	-16.50	-17.49	-19.02	-23.25	-11.17	-074.8	-236.7	+0.000
D 1100	-21.99	-20.03	-17.23	-13.86	-10.38	-17.52	-17.49	-19.02	-23.26	-11.57	-074.0	-238.9	+0.000
D 1115	-21.99	-20.03	-17.23	-13.84	-10.45	-19.08	-17.49	-19.01	-23.25	-12.52	-072.3	-245.7	+0.000
D 1130	-21.98	-20.03	-17.22	-13.81	-10.55	-20.07	-17.49	-19.02	-23.25	-13.01	-69.72	-260.6	+0.000
D 1145	-21.98	-20.02	-17.21	-13.79	-10.66	-20.62	-17.50	-19.02	-23.26	-13.09	-68.05	-266.9	+0.000
D 1200	-21.98	-20.02	-17.20	-13.77	-10.80	-21.36	-17.51	-19.03	-23.27	-13.39	-66.39	-280.9	+0.000
D 1215	-21.98	-20.01	-17.19	-13.75	-10.94	-22.11	-17.51	-19.03	-23.27	-14.01	-63.48	-308.3	+0.000
D 1230	-21.98	-20.01	-17.19	-13.73	-11.11	-22.77	-17.53	-19.04	-23.28	-14.40	-60.15	-323.9	+0.000
D 1245	-21.97	-20.01	-17.17	-13.71	-11.28	-23.46	-17.53	-19.04	-23.27	-14.70	-57.18	-338.7	+0.000
D 1300	-21.97	-20.01	-17.17	-13.70	-11.47	-24.11	-17.54	-19.05	-23.28	-15.06	-54.90	-351.7	+0.000
D 1315	-21.97	-20.01	-17.16	-13.69	-11.68	-24.74	-17.56	-19.05	-23.29	-15.21	-52.48	-365.0	+0.000
D 1330	-21.97	-20.01	-17.15	-13.68	-11.88	-25.17	-17.57	-19.06	-23.30	-15.44	-50.91	-378.0	+0.000
D 1345	-21.97	-20.01	-17.14	-13.68	-12.11	-25.43	-17.58	-19.07	-23.31	-15.64	-49.03	-390.6	+0.000
D 1400	-21.97	-20.00	-17.13	-13.68	-12.33	-25.61	-17.60	-19.09	-23.33	-15.98	-47.05	-403.4	+0.000
D 1415	-21.97	-20.00	-17.12	-13.68	-12.56	-25.72	-17.62	-19.10	-23.34	-16.18	-45.62	-416.1	+0.000
D 1430	-21.97	-20.00	-17.11	-13.69	-12.80	-25.82	-17.64	-19.11	-23.35	-16.47	-44.37	-428.5	+0.000
D 1445	-21.96	-20.00	-17.10	-13.70	-13.04	-25.79	-17.65	-19.12	-23.35	-16.81	-43.09	-441.5	+0.000
D 1500	-21.96	-19.99	-17.09	-13.72	-13.28	-25.62	-17.67	-19.14	-23.37	-16.64	-42.34	-429.3	+0.000
D 1515	-21.97	-19.99	-17.08	-13.74	-13.52	-25.33	-17.69	-19.15	-23.38	-16.80	-41.48	-217.4	+0.000
D 1530	-21.96	-19.99	-17.07	-13.76	-13.76	-25.29	-17.71	-19.16	-23.40	-16.83	-41.02	-208.2	+0.000
D 1545	-21.96	-19.99	-17.06	-13.78	-13.99	-24.83	-17.72	-19.17	-23.41	-16.61	-41.02	-149.4	+0.000
D 1600	-21.96	-19.99	-17.05	-13.81	-14.21	-23.44	-17.74	-19.19	-23.42	-16.08	-41.36	-077.0	+0.000



Time	Soil					Surf.	PVC			Air	Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	1.0m	1.75m	1.0m				
D 2345	-21.92	-19.91	-16.84	-15.02	-14.66	+6.131	+17.87	+19.32	+23.53	+10.36	+62.36	-28.76	+0.000
D 0000	-21.92	-19.91	-16.84	-15.03	-14.58	+5.900	+17.87	+19.32	+23.53	+10.46	+61.48	-28.29	+0.000
* 87 309													
D 0015	-21.92	-19.91	-16.84	-15.04	-14.49	+5.725	+17.86	+19.31	+23.52	+10.37	+60.92	-28.81	+0.000
D 0030	-21.92	-19.90	-16.83	-15.04	-14.41	+5.625	+17.85	+19.30	+23.52	+10.32	+61.02	-27.76	+0.000
D 0045	-21.92	-19.90	-16.83	-15.05	-14.32	+5.519	+17.84	+19.30	+23.51	+10.05	+61.10	-27.94	+0.000
D 0100	-21.92	-19.90	-16.83	-15.05	-14.24	+5.243	+17.83	+19.29	+23.50	+9.99	+62.44	-27.61	+0.000
D 0115	-21.92	-19.89	-16.83	-15.05	-14.16	+5.082	+17.82	+19.28	+23.50	+9.94	+63.50	-27.33	+0.000
D 0130	-21.91	-19.89	-16.84	-15.06	-14.08	+4.933	+17.82	+19.28	+23.50	+9.84	+63.11	-28.31	+0.000
D 0145	-21.91	-19.89	-16.83	-15.06	-14.00	+4.786	+17.81	+19.27	+23.49	+9.79	+63.39	-27.94	+0.000
D 0200	-21.92	-19.89	-16.83	-15.05	-13.92	+4.644	+17.80	+19.26	+23.47	+9.68	+63.06	-29.96	+0.000
D 0215	-21.91	-19.88	-16.83	-15.05	-13.83	+4.739	+17.78	+19.26	+23.47	+9.67	+64.85	-29.24	+0.000
D 0230	-21.91	-19.88	-16.83	-15.04	-13.75	+4.579	+17.76	+19.26	+23.47	+9.64	+65.16	-28.52	+0.000
D 0245	-21.91	-19.88	-16.83	-15.03	-13.68	+4.433	+17.74	+19.25	+23.46	+9.44	+64.90	-27.24	+0.000
D 0300	-21.91	-19.88	-16.83	-15.03	-13.60	+4.420	+17.73	+19.24	+23.45	+9.40	+64.52	-22.91	+0.000
D 0315	-21.91	-19.88	-16.84	-15.02	-13.53	+4.411	+17.72	+19.23	+23.44	+9.26	+64.62	-26.70	+0.000
D 0330	-21.91	-19.87	-16.84	-15.01	-13.45	+4.331	+17.71	+19.22	+23.44	+9.30	+64.66	-27.64	+0.000
D 0345	-21.91	-19.87	-16.84	-15.00	-13.38	+4.580	+17.70	+19.21	+23.42	+9.42	+64.83	-28.18	+0.000
D 0400	-21.91	-19.87	-16.84	-14.99	-13.31	+4.514	+17.69	+19.21	+23.42	+9.91	+64.56	-28.83	+0.000
D 0415	-21.90	-19.86	-16.83	-14.99	-13.24	+4.376	+17.68	+19.20	+23.41	+9.04	+65.25	-29.66	+0.000
D 0430	-21.91	-19.86	-16.84	-14.96	-13.17	+4.128	+17.67	+19.20	+23.40	+9.71	+64.75	-29.72	+0.000
D 0445	-21.90	-19.86	-16.84	-14.94	-13.10	+3.829	+17.67	+19.19	+23.40	+9.54	+67.45	-29.87	+0.000
D 0500	-21.90	-19.86	-16.84	-14.93	-13.04	+3.938	+17.65	+19.18	+23.39	+9.80	+66.23	-29.27	+0.000
D 0515	-21.90	-19.85	-16.84	-14.91	-12.97	+3.623	+17.65	+19.16	+23.37	+9.83	+66.67	-27.99	+0.000
D 0530	-21.90	-19.85	-16.84	-14.90	-12.91	+3.337	+17.63	+19.14	+23.36	+9.51	+68.37	-27.76	+0.000
D 0545	-21.89	-19.85	-16.84	-14.87	-12.85	+3.201	+17.63	+19.14	+23.36	+9.85	+67.01	-27.16	+0.000
D 0600	-21.89	-19.85	-16.84	-14.86	-12.78	+2.948	+17.61	+19.13	+23.34	+9.72	+67.20	-26.78	+0.000
D 0615	-21.89	-19.84	-16.84	-14.84	-12.72	+2.798	+17.61	+19.12	+23.34	+9.66	+67.25	-22.08	+0.000
D 0630	-21.90	-19.84	-16.85	-14.82	-12.66	+2.109	+17.60	+19.11	+23.33	+9.30	+67.00	-69.70	+0.000
D 0645	-21.89	-19.83	-16.84	-14.80	-12.60	+1.599	+17.59	+19.11	+23.32	+9.92	+67.32	-5.896	+0.000
D 0700	-21.89	-19.83	-16.85	-14.78	-12.54	+3.979	+17.58	+19.10	+23.31	+9.87	+67.61	-4.736	+0.000
D 0715	-21.89	-19.83	-16.85	-14.76	-12.48	+4.191	+17.57	+19.09	+23.31	+9.75	+68.14	-0.843	+0.000
D 0730	-21.89	-19.83	-16.85	-14.74	-12.42	+4.221	+17.56	+19.09	+23.30	+11.16	+68.61	-0.897	+0.000
D 0745	-21.89	-19.83	-16.84	-14.72	-12.36	+4.197	+17.56	+19.08	+23.30	+14.63	+68.71	-16.81	+0.000
D 0800	-21.89	-19.83	-16.85	-14.70	-12.30	+3.928	+17.54	+19.07	+23.28	+15.98	+68.87	-17.59	+0.000
D 0815	-21.89	-19.82	-16.85	-14.68	-12.25	+3.761	+17.53	+19.06	+23.28	+15.92	+68.79	-10.40	+0.000
D 0830	-21.89	-19.82	-16.85	-14.66	-12.20	+3.944	+17.53	+19.06	+23.27	+15.82	+68.73	-1.052	+0.000
D 0845	-21.88	-19.82	-16.84	-14.64	-12.16	+4.317	+17.51	+19.04	+23.26	+14.57	+68.67	-10.08	+0.000
D 0900	-21.88	-19.81	-16.84	-14.62	-12.11	+5.156	+17.51	+19.05	+23.26	+14.56	+68.63	-26.71	+0.000
D 0915	-21.88	-19.81	-16.84	-14.60	-12.05	+5.829	+17.50	+19.04	+23.26	+14.56	+68.67	-38.19	+0.000
D 0930	-21.88	-19.81	-16.85	-14.57	-12.03	+6.510	+17.49	+19.03	+23.25	+11.08	+68.11	-41.66	+0.000
D 0945	-21.88	-19.80	-16.84	-14.55	-11.99	+7.073	+17.49	+19.02	+23.24	+10.03	+67.81	-40.24	+0.000
D 1000	-21.88	-19.80	-16.84	-14.53	-11.96	+7.444	+17.48	+19.02	+23.23	+9.85	+67.79	-47.04	+0.000
D 1015	-21.88	-19.80	-16.84	-14.50	-11.93	+7.899	+17.48	+19.01	+23.22	+9.94	+67.88	-47.88	+0.000
D 1030	-21.87	-19.80	-16.84	-14.48	-11.91	+8.401	+17.48	+19.01	+23.22	+9.76	+67.67	-47.03	+0.000
D 1045	-21.87	-19.79	-16.84	-14.46	-11.89	+8.999	+17.47	+19.00	+23.22	+9.81	+67.53	-47.39	+0.000
D 1100	-21.87	-19.79	-16.84	-14.44	-11.88	+9.622	+17.46	+19.00	+23.21	+9.99	+67.46	-47.57	+0.000
D 1115	-21.88	-19.79	-16.84	-14.42	-11.88	+10.022	+17.46	+18.99	+23.21	+10.11	+67.40	-47.73	+0.000
D 1130	-21.87	-19.78	-16.83	-14.39	-11.88	+10.322	+17.46	+18.99	+23.20	+10.26	+67.36	-47.14	+0.000
D 1145	-21.87	-19.78	-16.83	-14.37	-11.87	+10.666	+17.46	+18.99	+23.20	+10.46	+67.39	-47.19	+0.000
D 1200	-21.87	-19.78	-16.83	-14.35	-11.91	+10.922	+17.45	+18.99	+23.20	+10.49	+67.29	-47.14	+0.000
D 1215	-21.87	-19.77	-16.83	-14.33	-11.93	+11.499	+17.45	+18.99	+23.20	+10.75	+67.41	-47.13	+0.000
D 1230	-21.87	-19.77	-16.82	-14.31	-11.96	+12.633	+17.45	+18.98	+23.20	+10.89	+67.38	-44.22	+0.000
D 1245	-21.86	-19.77	-16.82	-14.29	-12.00	+14.544	+17.45	+18.98	+23.19	+11.71	+67.27	-45.70	+0.000
D 1300	-21.86	-19.76	-16.82	-14.27	-12.03	+16.177	+17.43	+18.98	+23.19	+12.49	+67.10	-46.90	+0.000
D 1315	-21.86	-19.76	-16.82	-14.26	-12.08	+18.177	+17.45	+18.98	+23.19	+12.30	+67.03	-44.07	+0.000

Time	Soil					Surf.	PVC			Air	Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	1.0m	1.75m	1.0m				
D 1330	-21.86	-19.76	-16.81	-14.24	-12.14	+17.77	+17.45	+18.98	+23.19	+12.26	+66.18	-182.5	+0.000
D 1345	-21.86	-19.76	-16.81	-14.23	-12.20	+18.71	+17.45	+18.98	+23.19	+12.63	+64.05	-153.0	+0.000
D 1400	-21.85	-19.75	-16.81	-14.21	-12.18	+19.14	+17.46	+18.98	+23.20	+13.04	+61.81	-178.8	+0.000
D 1415	-21.85	-19.75	-16.81	-14.21	-12.27	+20.07	+17.46	+18.98	+23.19	+13.47	+58.83	-169.7	+0.000
D 1430	-21.85	-19.75	-16.80	-14.19	-12.47	+19.46	+17.47	+18.99	+23.20	+12.93	+56.78	-104.8	+0.000
D 1445	-21.85	-19.75	-16.80	-14.18	-12.58	+18.65	+17.47	+18.99	+23.20	+12.84	+56.95	-104.1	+0.000
D 1500	-21.85	-19.74	-16.79	-14.18	-12.70	+18.13	+17.48	+19.00	+23.22	+12.83	+56.72	-108.1	+0.000
D 1515	-21.85	-19.74	-16.79	-14.17	-12.83	+17.81	+17.49	+19.00	+23.22	+13.01	+56.61	-160.0	+0.000
D 1530	-21.85	-19.74	-16.79	-14.17	-12.96	+17.59	+17.49	+19.00	+23.22	+13.19	+56.49	-164.9	+0.000
D 1545	-21.85	-19.73	-16.78	-14.17	-13.09	+20.54	+17.50	+19.01	+23.22	+14.48	+52.37	-194.4	+0.000
D 1600	-21.85	-19.73	-16.78	-14.17	-13.22	+20.74	+17.51	+19.02	+23.21	+14.63	+50.94	-170.9	+0.000
D 1615	-21.84	-19.73	-16.77	-14.17	-13.35	+20.99	+17.51	+19.02	+23.24	+14.83	+49.87	-170.7	+0.000
D 1630	-21.84	-19.72	-16.77	-14.18	-13.48	+20.89	+17.52	+19.03	+23.25	+14.66	+48.62	-118.1	+0.000
D 1645	-21.85	-19.72	-16.77	-14.19	-13.61	+19.67	+17.53	+19.04	+23.26	+13.64	+48.38	-14.35	+0.000
D 1700	-21.84	-19.72	-16.76	-14.19	-13.73	+18.08	+17.54	+19.04	+23.26	+13.74	+49.81	-0.741	+0.000
D 1715	-21.84	-19.71	-16.75	-14.21	-13.87	+16.72	+17.55	+19.05	+23.26	+12.61	+51.42	-13.77	+0.000
D 1730	-21.84	-19.71	-16.75	-14.22	-14.00	+15.55	+17.56	+19.06	+23.27	+11.33	+53.73	-15.45	+0.000
D 1745	-21.84	-19.71	-16.74	-14.24	-14.12	+14.51	+17.56	+19.06	+23.27	+11.57	+55.21	-26.12	+0.000
D 1800	-21.84	-19.71	-16.74	-14.25	-14.23	+13.76	+17.57	+19.07	+23.29	+11.24	+56.87	-34.38	+0.000
D 1815	-21.84	-19.71	-16.73	-14.27	-14.33	+13.10	+17.58	+19.09	+23.31	+11.33	+57.58	-41.38	+0.000
D 1830	-21.83	-19.70	-16.73	-14.29	-14.41	+12.50	+17.58	+19.10	+23.31	+10.77	+58.41	-39.55	+0.000
D 1845	-21.83	-19.70	-16.72	-14.31	-14.48	+11.81	+17.58	+19.11	+23.31	+10.50	+59.23	-20.43	+0.000
D 1900	-21.83	-19.70	-16.72	-14.33	-14.53	+11.51	+17.59	+19.11	+23.32	+10.47	+60.66	-18.82	+0.000
D 1915	-21.83	-19.69	-16.71	-14.36	-14.56	+10.92	+17.60	+19.12	+23.32	+10.60	+63.18	-14.35	+0.000
D 1930	-21.83	-19.69	-16.71	-14.38	-14.58	+10.92	+17.60	+19.13	+23.33	+10.83	+66.07	-18.26	+0.000
D 1945	-21.83	-19.69	-16.70	-14.41	-14.59	+10.26	+17.60	+19.12	+23.33	+10.42	+66.79	-24.45	+0.000
D 2000	-21.83	-19.69	-16.70	-14.44	-14.59	+9.56	+17.60						

Time	1.75m					1.0m			1.75m			Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC	Air				
0315	-21.80	-19.61	-16.63	-14.63	-13.05	-07.17	-17.44	-19.00	-23.21	-10.21	-078.8	-09.19	+0.000	
0330	-21.79	-19.61	-16.63	-14.62	-13.01	-07.15	-17.44	-18.99	-23.20	-09.97	-078.2	-09.51	+0.000	
0345	-21.79	-19.61	-16.63	-14.61	-12.98	-07.11	-17.43	-18.99	-23.19	-09.78	-077.9	-09.63	+0.000	
0400	-21.79	-19.61	-16.63	-14.60	-12.95	-07.09	-17.43	-18.98	-23.19	-09.61	-076.9	-09.02	+0.000	
0415	-21.79	-19.60	-16.63	-14.58	-12.92	-07.08	-17.42	-18.97	-23.18	-09.47	-076.2	-08.90	+0.000	
0430	-21.79	-19.61	-16.63	-14.58	-12.87	-07.07	-17.41	-18.97	-23.17	-09.33	-076.4	-09.67	+0.000	
0445	-21.78	-19.60	-16.62	-14.57	-12.84	-07.02	-17.40	-18.95	-23.15	-09.30	-076.8	-10.33	+0.000	
0500	-21.79	-19.60	-16.62	-14.55	-12.84	-07.02	-17.40	-18.94	-23.14	-09.23	-076.5	-09.98	+0.000	
0515	-21.78	-19.60	-16.62	-14.54	-12.81	-06.976	-17.40	-18.94	-23.14	-09.23	-076.3	-10.03	+0.000	
0530	-21.78	-19.60	-16.63	-14.53	-12.78	-06.950	-17.38	-18.93	-23.14	-09.11	-076.4	-07.94	+0.000	
0545	-21.78	-19.59	-16.62	-14.52	-12.74	-6.962	-17.38	-18.92	-23.13	-08.92	-076.0	-10.64	+0.000	
0600	-21.78	-19.58	-16.62	-14.50	-12.74	-6.899	-17.38	-18.92	-23.13	-08.76	-076.3	-08.65	+0.000	
0615	-21.78	-19.58	-16.62	-14.48	-12.69	-6.883	-17.37	-18.92	-23.13	-08.67	-076.3	-09.68	+0.000	
0630	-21.78	-19.58	-16.62	-14.48	-12.66	-6.821	-17.36	-18.91	-23.12	-08.67	-076.5	-12.38	+0.000	
0645	-21.78	-19.58	-16.62	-14.47	-12.66	-6.821	-17.36	-18.91	-23.12	-08.60	-076.6	-15.21	+0.000	
0700	-21.77	-19.58	-16.62	-14.45	-12.64	-6.643	-17.36	-18.91	-23.12	-08.76	-076.2	-08.31	+0.000	
0715	-21.77	-19.57	-16.61	-14.44	-12.62	-6.604	-17.36	-18.91	-23.11	-08.76	-076.2	-08.31	+0.000	
0730	-21.77	-19.57	-16.61	-14.43	-12.59	-6.698	-17.35	-18.90	-23.10	-08.69	-075.8	-08.82	+0.000	
0745	-21.77	-19.57	-16.61	-14.42	-12.57	-6.710	-17.34	-18.89	-23.10	-08.26	-075.9	-09.41	+0.000	
0800	-21.77	-19.56	-16.61	-14.41	-12.55	-6.589	-17.34	-18.89	-23.09	-08.37	-075.9	-3.466	+0.000	
0815	-21.77	-19.56	-16.61	-14.38	-12.50	-6.960	-17.33	-18.88	-23.09	-08.57	-074.4	-14.04	+0.000	
0830	-21.76	-19.56	-16.61	-14.37	-12.48	-6.923	-17.32	-18.87	-23.08	-08.63	-072.5	-12.04	+0.000	
0845	-21.77	-19.56	-16.61	-14.36	-12.45	-6.945	-17.32	-18.88	-23.08	-09.00	-076.7	-14.47	+0.000	
0900	-21.77	-19.55	-16.60	-14.34	-12.43	-6.861	-17.31	-18.87	-23.08	-09.29	-069.48	-54.82	+0.000	
0915	-21.77	-19.55	-16.60	-14.32	-12.39	-6.954	-17.30	-18.86	-23.07	-09.57	-068.81	-080.8	+0.000	
0930	-21.76	-19.55	-16.60	-14.31	-12.37	-6.880	-17.30	-18.86	-23.07	-10.10	-067.66	-101.3	+0.000	
0945	-21.76	-19.54	-16.60	-14.31	-12.37	-6.880	-17.30	-18.86	-23.06	-10.10	-066.67	-41.27	+0.000	
1000	-21.76	-19.54	-16.59	-14.29	-12.36	-6.960	-17.30	-18.86	-23.06	-09.82	-066.70	-24.55	+0.000	
1015	-21.76	-19.54	-16.59	-14.28	-12.36	-6.960	-17.30	-18.85	-23.06	-09.73	-066.97	-31.37	+0.000	
1030	-21.76	-19.53	-16.58	-14.27	-12.35	-6.945	-17.29	-18.85	-23.05	-09.67	-066.66	-47.06	+0.000	
1045	-21.76	-19.53	-16.58	-14.27	-12.35	-6.945	-17.29	-18.85	-23.05	-10.16	-066.25	-43.04	+0.000	
1100	-21.75	-19.53	-16.58	-14.24	-12.36	-6.945	-17.29	-18.85	-23.05	-11.24	-066.94	-170.9	+0.000	
1115	-21.75	-19.53	-16.58	-14.23	-12.38	-6.945	-17.29	-18.84	-23.04	-11.12	-067.77	-096.5	+0.000	
1130	-21.75	-19.52	-16.57	-14.22	-12.39	-6.945	-17.29	-18.84	-23.05	-10.83	-068.82	-084.4	+0.000	
1145	-21.75	-19.52	-16.57	-14.21	-12.39	-6.945	-17.29	-18.84	-23.05	-10.66	-068.51	-48.36	+0.000	
1200	-21.75	-19.52	-16.57	-14.21	-12.39	-6.945	-17.29	-18.84	-23.04	-10.72	-067.34	-43.26	+0.000	
1215	-21.74	-19.52	-16.57	-14.19	-12.49	-6.945	-17.28	-18.84	-23.04	-10.43	-067.76	-37.42	+0.000	
1230	-21.74	-19.51	-16.57	-14.18	-12.53	-6.945	-17.29	-18.84	-23.04	-10.67	-067.84	-19.90	+0.000	
1245	-21.74	-19.51	-16.57	-14.17	-12.58	-6.945	-17.29	-18.84	-23.05	-10.16	-064.64	-40.41	+0.000	
1300	-21.74	-19.51	-16.56	-14.16	-12.62	-6.945	-17.29	-18.84	-23.05	-10.47	-064.18	-52.00	+0.000	
1315	-21.74	-19.51	-16.55	-14.15	-12.67	-6.945	-17.29	-18.84	-23.04	-10.61	-062.64	-11.71	+0.000	
1330	-21.74	-19.51	-16.55	-14.15	-12.73	-6.945	-17.29	-18.84	-23.05	-10.43	-064.97	-41.66	+0.000	
1345	-21.73	-19.50	-16.55	-14.14	-12.78	-6.945	-17.29	-18.84	-23.05	-10.77	-063.47	-69.87	+0.000	
1400	-21.73	-19.50	-16.55	-14.14	-12.82	-6.945	-17.29	-18.85	-23.05	-10.85	-062.98	-66.41	+0.000	
1415	-21.73	-19.50	-16.55	-14.14	-12.87	-6.945	-17.29	-18.85	-23.05	-10.81	-063.26	-63.32	+0.000	
1430	-21.74	-19.49	-16.54	-14.14	-12.94	-6.945	-17.29	-18.85	-23.05	-10.92	-063.66	-59.30	+0.000	
1445	-21.74	-19.49	-16.54	-14.14	-12.94	-6.945	-17.29	-18.85	-23.05	-10.92	-062.25	-09.9	+0.000	
1500	-21.73	-19.49	-16.53	-14.13	-12.98	-6.945	-17.29	-18.85	-23.05	-11.46	-060.51	-083.9	+0.000	
1515	-21.73	-19.49	-16.53	-14.13	-13.01	-6.945	-17.29	-18.85	-23.05	-11.46	-060.51	-083.9	+0.000	
1530	-21.73	-19.49	-16.53	-14.13	-13.04	-6.945	-17.29	-18.85	-23.05	-11.40	-059.92	-084.4	+0.000	
1545	-21.73	-19.48	-16.52	-14.14	-13.11	-6.945	-17.30	-18.85	-23.05	-11.99	-059.46	-42.44	+0.000	
1615	-21.72	-19.47	-16.52	-14.14	-13.14	-6.945	-17.30	-18.85	-23.05	-11.27	-058.76	-44.68	+0.000	
1630	-21.72	-19.47	-16.51	-14.15	-13.18	-6.945	-17.30	-18.85	-23.05	-11.27	-058.76	-44.68	+0.000	
1645	-21.72	-19.47	-16.51	-14.15	-13.22	-6.945	-17.30	-18.85	-23.05	-11.84	-057.54	-61.16	+0.000	
1700	-21.72	-19.47	-16.51	-14.15	-13.22	-6.945	-17.30	-18.85	-23.05	-11.84	-057.54	-61.16	+0.000	

Time	1.75m					1.0m			1.75m			Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC	Air				
1715	-21.72	-19.47	-16.50	-14.15	-13.25	-6.945	-17.30	-18.85	-23.05	-11.85	-55.51	-21.94	+0.000	
1730	-21.72	-19.47	-16.50	-14.16	-13.29	-6.945	-17.30	-18.85	-23.06	-10.75	-57.95	-6.795	+0.000	
1745	-21.72	-19.47	-16.50	-14.17	-13.32	-6.945	-17.30	-18.86	-23.06	-09.89	-60.40	-21.37	+0.000	
1800	-21.72	-19.46	-16.49	-14.17	-13.36	-6.945	-17.31	-18.86	-23.06	-09.67	-61.92	-19.48	+0.000	
1815	-21.71	-19.46	-16.49	-14.17	-13.38	-6.945	-17.31	-18.86	-23.06	-09.55	-62.80	-18.70	+0.000	
1830	-21.72	-19.46	-16.48	-14.19	-13.44	-6.945	-17.31	-18.86	-23.06	-09.30	-63.61	-13.26	+0.000	
1845	-21.71	-19.45	-16.48	-14.19	-13.44	-6.945	-17.31	-18.86	-23.06	-09.06	-64.46	-16.47	+0.000	
1900	-21.72	-19.46	-16.48	-14.20	-13.46	-6.945	-17.31	-18.86	-23.06	-08.87	-65.16	-29.29	+0.000	
1915	-21.71	-19.45	-16.47	-14.20	-13.47	-6.945	-17.30	-18.86	-23.06	-08.63	-65.63	-29.65	+0.000	
1930	-21.71	-19.45	-16.47	-14.22	-13.48	-6.945	-17.30	-18.85	-23.05	-08.43	-65.97	-30.21	+0.000	
1945	-21.71	-19.45	-16.47	-14.23	-13.48	-6.945	-17.30	-18.86	-23.06	-08.40	-66.61	-32.44	+0.000	
2000	-21.71	-19.44	-16.46	-14.24	-13.46	-6.860	-17.29	-18.85	-23.05	-08.58	-67.35	-38.94	+0.000	
2015	-21.71	-19.44	-16.46	-14.24	-13.44	-6.503	-17.29	-18.84	-23.05	-08.38	-68.28	-32.44	+0.000	
2030	-21.70	-19.44	-16.45	-14.25	-13.41	-6.598	-17.28	-18.84	-23.05	-08.07	-070.0	-32.30	+0.000	
2045	-21.71	-19.44	-16.45	-14.25	-13.41	-6.598	-17.28	-18.84	-23.04	-08.17	-072.1	-31.92	+0.000	
2100	-21.71	-19.44	-16.45	-14.27	-13.34	-5.269	-17.28	-18.84	-23.04	-08.68	-075.2	-30.54	+0.000	
2115	-21.70	-19.44	-16.45	-14.27	-13.34	-5.151	-17.27	-18.84	-23.04	-09.44	-077.4	-29.47	+0.000	
2130	-21.70	-19.43	-16.44	-14.27	-13.30	-5.151	-17.27	-18.84	-23.04	-09.15	-078.4	-29.47	+0.000	
2145	-21.70	-19.43	-16.44	-14.28	-13.25	-4.997	-17.26	-18.83	-23.03	-09.43	-079.4	-28.81	+0.000	
2200	-21.70													

Time	1. Jan 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m 1.0m .5m .25m .125m Surf.					PVC PVC PVC			Air				
	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m					
0700	-21.66	-19.34	-16.35	-13.83	-10.94	-0.620	-16.93	-18.58	-22.76	-10.35	-088.1	-14.79	-0.000
0715	-21.66	-19.34	-16.34	-13.81	-10.88	-0.831	-16.92	-18.56	-22.75	-09.93	-088.4	-13.77	-0.000
0730	-21.66	-19.34	-16.34	-13.78	-10.82	-1.065	-16.91	-18.56	-22.75	-09.93	-088.8	-11.96	-0.000
0745	-21.65	-19.34	-16.34	-13.76	-10.77	-1.275	-16.90	-18.55	-22.74	-11.32	-088.8	-09.19	-0.000
0800	-21.65	-19.33	-16.33	-13.75	-10.72	-1.54	-16.89	-18.54	-22.73	-12.29	-088.7	-0.553	-0.000
0815	-21.65	-19.33	-16.33	-13.71	-10.64	-0.437	-16.88	-18.53	-22.72	-18.35	-088.5	-15.14	-0.000
0830	-21.65	-19.33	-16.33	-13.68	-10.57	-0.658	-16.87	-18.52	-22.71	-22.50	-087.5	-30.56	-0.000
0845	-21.65	-19.33	-16.33	-13.66	-10.51	-0.875	-16.86	-18.51	-22.70	-27.51	-085.9	-53.92	-0.000
0900	-21.65	-19.32	-16.32	-13.63	-10.44	-1.044	-16.84	-18.50	-22.69	-27.68	-083.4	-074.3	-0.000
0915	-21.64	-19.32	-16.32	-13.61	-10.38	-1.251	-16.84	-18.50	-22.69	-18.81	-083.6	-082.3	-0.000
0930	-21.65	-19.32	-16.31	-13.58	-10.33	-1.434	-16.84	-18.49	-22.68	-15.99	-082.6	-103.8	-0.000
0945	-21.64	-19.32	-16.31	-13.55	-10.28	-1.607	-16.83	-18.48	-22.67	-12.00	-079.6	-134.2	-0.000
1000	-21.64	-19.31	-16.31	-13.53	-10.24	-1.754	-16.82	-18.48	-22.66	-09.19	-076.1	-167.3	-0.000
1015	-21.64	-19.31	-16.30	-13.50	-10.20	-1.901	-16.82	-18.47	-22.66	-08.22	-075.1	-179.5	-0.000
1030	-21.64	-19.31	-16.30	-13.47	-10.19	-2.048	-16.82	-18.47	-22.66	-08.22	-075.1	-179.5	-0.000
1045	-21.64	-19.30	-16.30	-13.44	-10.19	-2.195	-16.81	-18.46	-22.65	-08.49	-073.0	-216.4	-0.000
1100	-21.64	-19.30	-16.29	-13.41	-10.20	-2.342	-16.81	-18.46	-22.65	-09.01	-070.7	-231.0	-0.000
1115	-21.64	-19.30	-16.29	-13.39	-10.24	-2.489	-16.81	-18.46	-22.65	-09.01	-070.7	-231.0	-0.000
1130	-21.63	-19.30	-16.28	-13.36	-10.29	-2.636	-16.81	-18.45	-22.64	-10.16	-67.26	-253.7	-0.000
1145	-21.63	-19.29	-16.28	-13.33	-10.36	-2.783	-16.82	-18.46	-22.65	-10.96	-64.62	-253.7	-0.000
1200	-21.63	-19.29	-16.27	-13.31	-10.46	-2.930	-16.82	-18.46	-22.65	-11.71	-61.23	-265.1	-0.000
1215	-21.62	-19.28	-16.26	-13.29	-10.57	-3.077	-16.83	-18.47	-22.65	-11.10	-63.26	-262.8	-0.000
1230	-21.63	-19.29	-16.27	-13.31	-10.67	-3.224	-16.83	-18.47	-22.66	-11.71	-61.23	-265.1	-0.000
1245	-21.63	-19.28	-16.26	-13.25	-10.86	-3.371	-16.85	-18.48	-22.67	-11.27	-56.42	-267.8	-0.000
1300	-21.62	-19.28	-16.25	-13.23	-11.03	-3.518	-16.86	-18.48	-22.67	-11.27	-56.42	-267.8	-0.000
1315	-21.62	-19.28	-16.25	-13.22	-11.13	-3.665	-16.87	-18.49	-22.68	-11.27	-53.50	-263.8	-0.000
1330	-21.62	-19.28	-16.24	-13.20	-11.43	-3.812	-16.89	-18.50	-22.69	-11.85	-51.34	-249.7	-0.000
1345	-21.62	-19.27	-16.23	-13.19	-11.64	-3.959	-16.90	-18.51	-22.70	-11.45	-49.18	-235.6	-0.000
1400	-21.61	-19.27	-16.23	-13.19	-11.87	-4.106	-16.91	-18.52	-22.71	-11.45	-49.18	-235.6	-0.000
1415	-21.62	-19.27	-16.23	-13.19	-12.12	-4.253	-16.93	-18.53	-22.72	-14.00	-44.09	-232.0	-0.000
1430	-21.62	-19.27	-16.23	-13.19	-12.37	-4.400	-16.94	-18.54	-22.73	-14.34	-43.26	-211.8	-0.000
1445	-21.62	-19.27	-16.23	-13.19	-12.62	-4.547	-16.95	-18.55	-22.74	-14.31	-42.18	-204.6	-0.000
1500	-21.61	-19.26	-16.20	-13.21	-12.88	-4.694	-16.98	-18.56	-22.75	-14.80	-41.29	-184.7	-0.000
1515	-21.61	-19.26	-16.20	-13.22	-13.14	-4.841	-16.99	-18.57	-22.76	-15.07	-40.66	-171.9	-0.000
1530	-21.61	-19.25	-16.19	-13.26	-13.40	-4.988	-17.00	-18.58	-22.77	-15.17	-40.69	-157.9	-0.000
1545	-21.61	-19.25	-16.18	-13.26	-13.65	-5.135	-17.00	-18.58	-22.77	-15.17	-40.69	-157.9	-0.000
1600	-21.60	-19.25	-16.17	-13.29	-13.90	-5.282	-17.06	-18.64	-22.83	-15.27	-40.16	-141.6	-0.000
1615	-21.60	-19.24	-16.17	-13.32	-14.15	-5.429	-17.09	-18.66	-22.85	-15.27	-40.16	-141.6	-0.000
1630	-21.60	-19.24	-16.16	-13.36	-14.38	-5.576	-17.11	-18.67	-22.86	-15.90	-39.26	-092.3	-0.000
1645	-21.60	-19.24	-16.15	-13.39	-14.60	-5.723	-17.11	-18.68	-22.87	-15.80	-39.27	-65.7	-0.000
1700	-21.60	-19.24	-16.15	-13.39	-14.83	-5.870	-17.16	-18.70	-22.89	-15.37	-39.98	-31.39	-0.000
1715	-21.59	-19.24	-16.14	-13.48	-15.01	-6.017	-17.18	-18.71	-22.90	-15.02	-40.41	-0.404	-0.000
1730	-21.59	-19.23	-16.13	-13.53	-15.19	-6.164	-17.16	-18.72	-22.91	-14.56	-40.97	-23.54	-0.000
1745	-21.59	-19.23	-16.13	-13.58	-15.35	-6.311	-17.20	-18.73	-22.92	-14.56	-40.97	-23.54	-0.000
1800	-21.59	-19.23	-16.11	-13.63	-15.49	-6.458	-17.20	-18.74	-22.93	-14.56	-40.97	-23.54	-0.000
1815	-21.59	-19.23	-16.11	-13.63	-15.61	-6.605	-17.23	-18.75	-22.94	-11.71	-45.61	-41.79	-0.000
1830	-21.59	-19.23	-16.10	-13.68	-15.72	-6.752	-17.23	-18.76	-22.95	-11.71	-45.61	-41.79	-0.000
1845	-21.59	-19.23	-16.10	-13.70	-15.84	-6.899	-17.25	-18.77	-22.96	-10.45	-48.94	-39.78	-0.000
1900	-21.59	-19.22	-16.09	-13.85	-15.86	-7.046	-17.26	-18.78	-22.97	-10.34	-49.46	-38.89	-0.000
1915	-21.59	-19.22	-16.08	-13.91	-15.91	-7.193	-17.27	-18.79	-22.98	-10.14	-49.87	-38.20	-0.000
1930	-21.59	-19.22	-16.08	-13.97	-15.91	-7.340	-17.27	-18.79	-22.98	-09.93	-50.42	-38.20	-0.000
1945	-21.58	-19.21	-16.07	-14.02	-15.90	-7.487	-17.26	-18.79	-22.98	-09.82	-50.77	-37.20	-0.000
2000	-21.58	-19.21	-16.07	-14.07	-15.88	-7.634	-17.27	-18.80	-22.99	-09.82	-50.77	-37.20	-0.000
2015	-21.58	-19.21	-16.06	-14.13	-15.85	-7.781	-17.28	-18.80	-22.99	-09.80	-51.52	-36.81	-0.000
2030	-21.58	-19.21	-16.06	-14.18	-15.80	-7.928	-17.29	-18.80	-22.99	-09.48	-52.55	-36.62	-0.000
2045	-21.58	-19.21	-16.05	-14.23	-15.74	-8.075	-17.29	-18.80	-22.99	-09.48	-53.26	-37.63	-0.000

Time	1.0m 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m 1.0m .5m .25m .125m Surf.					PVC PVC PVC			Air				
	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m					
2100	-21.58	-19.20	-16.05	-14.27	-15.68	-8.65	-17.27	-18.80	-23.00	-09.27	-54.09	-37.15	-0.000
2115	-21.58	-19.20	-16.05	-14.32	-15.60	-8.77	-17.29	-18.80	-23.00	-09.27	-55.42	-35.90	-0.000
2130	-21.58	-19.20	-16.05	-14.36	-15.52	-8.85	-17.29	-18.80	-23.00	-09.27	-55.98	-35.57	-0.000
2145	-21.58	-19.20	-16.04	-14.40	-15.44	-8.93	-17.27	-18.80	-22.98	-08.82	-56.08	-35.35	-0.000
2200	-21.57	-19.19	-16.04	-14.44	-15.35	-9.07	-17.27	-18.80	-22.98	-08.55	-57.01	-34.62	-0.000
2215	-21.57	-19.19	-16.04	-14.47	-15.25	-9.26	-17.26	-18.79	-22.98	-08.48	-58.10	-34.15	-0.000
2230	-21.58	-19.20	-16.04	-14.50	-15.17	-9.47	-17.25	-18.79	-22.98	-08.39	-59.29	-34.15	-0.000
2245	-21.57	-19.19	-16.04	-14.53	-15.06	-9.66	-17.25	-18.78	-22.97	-08.15	-61.49	-33.56	-0.000
2300	-21.57	-19.18	-16.03	-14.57	-14.97	-9.85	-17.25	-18.77	-22.96	-08.12	-62.48	-33.29	-0.000
2315	-21.57	-19.18	-16.03	-14.61	-14.87	-10.04	-17.21	-18.77	-22.96	-08.02	-63.06	-33.45	-0.000
2330	-21.57	-19.18	-16.03	-14.64	-14.67	-10.23	-17.21	-18.77	-22.95	-07.83	-63.68	-33.21	-0.000
2345	-21.57	-19.18	-16.04	-14.62	-14.57	-10.42	-17.20	-18.76	-22.95	-07.45	-63.73	-32.68	-0.000
0000	-21.57	-19.18	-16.04	-14.62	-14.57	-10.61	-17.20	-18.76	-22.95	-07.45	-63.73	-32.68	-0.000
0015	-21.56	-19.17	-16.03	-14.63	-14.47	-10.80	-17.19	-18.75	-22.94	-07.43	-64.20	-31.66	-0.000
0030	-21.56	-19.17	-16.04	-14.64	-14.38	-11.00	-17.18	-18.74	-22.93	-07.49	-64.29	-31.93	-0.000
0045	-21.56	-19.17	-16.04	-14.65	-14.28	-11.20	-17.17	-18.74	-22.93	-07.21	-64.00	-32.13	-0.000
0100	-21.56	-19.17	-16.04	-14.66	-14.18	-11.40	-17.16	-18.73	-22.91	-6.887	-64.46	-30.04	-0.000
0115	-21.56	-19.17	-16.04	-14.66	-14.09	-11.60	-17.15	-18.73	-22.90	-07.04	-64.68	-30.05	-0.000
0130	-21.56	-19.17	-16.04	-14.66	-13.99	-11.80	-17.13	-18.71	-22.89	-6.348	-64.68	-30.46	-0.000
0145	-21.56	-19.17	-16.05	-14.66	-13.89	-12.00	-17.12	-18.71	-22.89	-6.684	-66.12	-29.64	-0.000
0200	-21.56	-19.16	-16.05	-14.66	-13.80	-12.20	-17.12	-18.71	-22.89	-6.684	-66.12	-29.64	-0.000
0215	-21.55	-19.16	-16.05	-14.65	-13.71	-12.40	-17.11	-18.70	-22.88	-07.16	-66.70	-31.73	-0.000
0230	-21.55	-19.16	-16.05	-14.65	-13.62	-12.60	-17.10	-18.69	-22.87	-07.09	-67.20	-32.34	-0.000
0245	-21.55	-19.15	-16.05	-14.64	-13.52	-12.80	-17.09	-18.69	-22.87	-6.942	-67.37	-32.07	-0.000
0300	-21.55	-19.15	-16.05	-14.64	-13.43	-13.00	-17.08	-18.68	-22.85	-6.650	-68.06	-30.98	-0.000
0315	-21.55	-19.15	-16.06	-14.63	-13.34	-13.20	-17.07	-18.67	-22.85	-6.086	-69.33	-30.52	-0.000
0330	-21.												



Time	1.75m			1.0m			Surf.			PVC			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m				
1045	-21.51	-19.07	-16.11	-13.94	-11.15	-13.80	-16.79	-18.41	-22.59	-08.88	+070.2	+167.8	+0.000			
1100	-21.51	-19.07	-16.11	-13.91	-11.15	-15.53	-16.79	-18.40	-22.58	+09.66	+67.82	+219.5	+0.000			
1115	-21.51	-19.07	-16.12	-13.89	-11.16	-17.54	-16.79	-18.40	-22.58	+09.99	+66.33	+154.7	+0.000			
1130	-21.51	-19.06	-16.12	-13.86	-11.18	-17.77	-16.78	-18.40	-22.57	+10.50	+65.37	+201.8	+0.000			
1145	-21.51	-19.06	-16.12	-13.83	-11.23	-19.70	-16.79	-18.40	-22.58	+11.09	+63.61	+248.9	+0.000			
1200	-21.50	-19.06	-16.11	-13.80	-11.28	-21.12	-16.79	-18.40	-22.58	+11.49	+61.93	+243.7	+0.000			
1215	-21.50	-19.05	-16.11	-13.75	-11.45	-24.15	-16.80	-18.40	-22.58	+11.96	+59.44	+267.5	+0.000			
1230	-21.50	-19.05	-16.11	-13.75	-11.45	-25.63	-16.80	-18.40	-22.58	+12.79	+55.84	+290.4	+0.000			
1245	-21.50	-19.05	-16.11	-13.74	-11.57	-26.62	-16.81	-18.41	-22.59	+13.33	+51.72	+280.6	+0.000			
1300	-21.50	-19.05	-16.11	-13.72	-11.70	-27.46	-16.82	-18.42	-22.60	+14.06	+49.28	+266.5	+0.000			
1315	-21.50	-19.05	-16.11	-13.68	-11.85	-28.27	-16.83	-18.42	-22.60	+14.64	+47.25	+254.9	+0.000			
1330	-21.50	-19.04	-16.10	-13.65	-12.09	-28.32	-16.84	-18.43	-22.61	+15.06	+45.32	+244.4	+0.000			
1345	-21.49	-19.04	-16.10	-13.65	-12.39	-28.07	-16.86	-18.44	-22.63	+15.17	+44.01	+215.9	+0.000			
1400	-21.49	-19.03	-16.10	-13.65	-12.61	-27.73	-16.87	-18.45	-22.64	+15.16	+42.86	+144.4	+0.000			
1415	-21.49	-19.03	-16.10	-13.64	-12.83	-27.46	-16.87	-18.45	-22.64	+15.16	+41.38	+218.0	+0.000			
1430	-21.49	-19.03	-16.10	-13.64	-13.06	-27.19	-16.87	-18.45	-22.65	+15.16	+40.24	+206.4	+0.000			
1445	-21.49	-19.03	-16.09	-13.65	-13.29	-27.66	-16.92	-18.48	-22.66	+16.01	+41.29	+164.4	+0.000			
1460	-21.48	-19.03	-16.09	-13.65	-13.52	-27.94	-16.90	-18.47	-22.65	+16.10	+40.86	+144.4	+0.000			
1515	-21.49	-19.03	-16.09	-13.66	-13.53	-27.02	-16.93	-18.50	-22.69	+16.10	+40.89	+094.4	+0.000			
1530	-21.48	-19.02	-16.08	-13.67	-13.76	-25.96	-16.95	-18.54	-22.73	+15.64	+41.04	+086.8	+0.000			
1545	-21.48	-19.02	-16.08	-13.68	-13.99	-24.74	-16.97	-18.54	-22.74	+15.85	+40.60	+111.9	+0.000			
1600	-21.48	-19.02	-16.07	-13.72	-14.43	-23.73	-17.01	-18.56	-22.74	+15.84	+40.59	+089.7	+0.000			
1615	-21.48	-19.01	-16.07	-13.75	-14.63	-22.75	-17.03	-18.58	-22.76	+15.53	+40.68	+35.95	+0.000			
1630	-21.47	-19.01	-16.07	-13.75	-14.82	-21.48	-17.04	-18.59	-22.77	+15.20	+41.22	+32.17	+0.000			
1645	-21.47	-19.01	-16.06	-13.78	-14.82	-20.48	-17.07	-18.60	-22.78	+15.14	+41.58	+21.53	+0.000			
1700	-21.47	-19.01	-16.06	-13.81	-15.00	-20.03	-17.10	-18.61	-22.79	+15.89	+41.01	+35.32	+0.000			
1715	-21.47	-19.01	-16.06	-13.85	-15.16	-19.55	-17.09	-18.62	-22.80	+15.75	+40.81	+25.94	+0.000			
1730	-21.47	-19.00	-16.04	-13.93	-15.42	-18.42	-17.11	-18.63	-22.81	+14.80	+42.78	+34.35	+0.000			
1745	-21.47	-19.00	-16.04	-13.97	-15.53	-16.94	-17.14	-18.64	-22.82	+13.60	+44.82	+29.99	+0.000			
1800	-21.47	-19.00	-16.04	-14.01	-15.76	-13.48	-17.14	-18.66	-22.84	+12.70	+44.25	+38.64	+0.000			
1815	-21.47	-19.00	-16.03	-14.15	-15.80	-12.61	-17.16	-18.67	-22.85	+11.89	+46.18	+36.23	+0.000			
1830	-21.47	-19.00	-16.03	-14.15	-15.80	-11.83	-17.18	-18.68	-22.86	+11.86	+46.75	+36.29	+0.000			
1845	-21.47	-18.99	-16.02	-14.20	-15.82	-11.03	-17.18	-18.68	-22.86	+11.68	+46.42	+33.97	+0.000			
1900	-21.46	-18.99	-16.02	-14.24	-15.83	-10.27	-17.16	-18.68	-22.86	+11.77	+46.33	+34.15	+0.000			
1915	-21.46	-18.99	-16.02	-14.24	-15.83	-9.51	-17.17	-18.69	-22.87	+11.23	+46.93	+34.15	+0.000			
1930	-21.46	-18.99	-16.02	-14.24	-15.83	-8.75	-17.17	-18.69	-22.87	+10.44	+49.76	+24.33	+0.000			
1945	-21.46	-18.99	-16.02	-14.24	-15.83	-8.00	-17.17	-18.69	-22.87	+10.26	+49.56	+23.06	+0.000			
2000	-21.46	-18.98	-16.00	-14.45	-15.69	-7.24	-17.17	-18.69	-22.87	+10.41	+47.75	+32.49	+0.000			
2015	-21.46	-18.97	-16.00	-14.53	-15.56	-6.48	-17.17	-18.69	-22.87	+10.29	+49.24	+26.37	+0.000			
2030	-21.45	-18.97	-16.00	-14.41	-15.73	-5.73	-17.17	-18.69	-22.87	+10.44	+49.76	+24.33	+0.000			
2045	-21.45	-18.98	-16.00	-14.45	-15.69	-4.97	-17.17	-18.69	-22.87	+10.66	+49.56	+23.06	+0.000			
2100	-21.45	-18.97	-16.00	-14.49	-15.63	-4.21	-17.17	-18.69	-22.87	+10.46	+50.16	+23.11	+0.000			
2115	-21.45	-18.97	-16.00	-14.53	-15.56	-3.45	-17.17	-18.69	-22.87	+10.26	+50.82	+23.01	+0.000			
2130	-21.45	-18.97	-16.00	-14.57	-15.49	-2.69	-17.17	-18.69	-22.87	+10.45	+49.96	+24.68	+0.000			
2145	-21.45	-18.97	-16.00	-14.59	-15.41	-1.93	-17.17	-18.68	-22.86	+10.45	+49.61	+23.87	+0.000			
2200	-21.45	-18.96	-15.99	-14.62	-15.33	-1.17	-17.17	-18.68	-22.86	+10.30	+49.09	+22.32	+0.000			
2215	-21.45	-18.96	-15.99	-14.65	-15.26	-0.41	-17.16	-18.68	-22.86	+10.45	+49.97	+24.87	+0.000			
2230	-21.45	-18.96	-15.99	-14.69	-15.19	+0.35	-17.13	-18.67	-22.85	+0.97	+50.18	+24.41	+0.000			
2245	-21.45	-18.96	-15.99	-14.73	-15.12	+1.10	-17.13	-18.67	-22.85	+0.94	+50.84	+24.41	+0.000			
2300	-21.44	-18.95	-15.99	-14.77	-15.05	+1.84	-17.13	-18.66	-22.84	+0.94	+51.54	+24.41	+0.000			
2315	-21.44	-18.95	-15.99	-14.73	-14.93	+2.58	-17.13	-18.66	-22.84	+0.94	+52.24	+24.41	+0.000			
2330	-21.44	-18.95	-15.99	-14.74	-14.85	+3.32	-17.13	-18.65	-22.83	+0.98	+52.94	+24.41	+0.000			
2345	-21.44	-18.95	-16.00	-14.78	-14.78	+4.06	-17.10	-18.65	-22.83	+0.98	+53.64	+24.41	+0.000			
0000	-21.44	-18.95	-16.00	-14.77	-14.70	+4.80	-17.10	-18.65	-22.83	+0.98	+54.34	+24.41	+0.000			
* 87 313																
D 0015	-21.44	-18.95	-16.00	+14.77	+14.62	+6.374	+17.09	+18.65	+22.82	+09.12	+43.54	-31.52	+0.000			

Time	1.75m			1.0m			Surf.			PVC			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m				
D 0030	+21.44	+18.95	+16.00	-14.78	-14.54	-5.902	-17.09	-18.64	-22.82	-08.89	+44.88	-30.89	+0.000			
D 0045	+21.44	+18.94	+16.00	-14.79	-14.47	-5.604	-17.07	-18.64	-22.81	-08.90	+44.75	-28.08	+0.000			
D 0100	+21.44	+18.94	+16.00	-14.79	-14.31	-5.514	-17.06	-18.63	-22.81	-09.03	+45.04	-26.33	+0.000			
D 0115	+21.44	+18.94	+16.00	-14.79	-14.31	-5.514	-17.06	-18.63	-22.81	-08.89	+45.30	-27.65	+0.000			
D 0130	+21.44	+18.94	+16.01	-14.79	-14.23	-5.281	-17.05	-18.63	-22.79	-08.61	+46.49	-29.14	+0.000			
D 0145	+21.43	+18.94	+16.01	-14.79	-14.15	-4.997	-17.05	-18.61	-22.78	-08.22	+47.87	-28.68	+0.000			
D 0200	+21.43	+18.93	+16.01	-14.79	-14.08	-4.841	-17.04	-18.61	-22.78	-07.81	+48.29	-28.14	+0.000			
D 0215	+21.43	+18.92	+16.01	-14.78	-13.99	-4.726	-17.03	-18.60	-22.77	-07.89	+47.72	-27.49	+0.000			
D 0230	+21.43	+18.92	+16.01	-14.78	-13.91	-4.903	-17.02	-18.59	-22.77	-07.72	+47.92	-26.90	+0.000			
D 0245	+21.43	+18.92	+16.01	-14.77	-13.83	-5.083	-17.01	-18.58	-22.76	-07.19	+42.99	-21.73	+0.000			
D 0300	+21.43	+18.92	+16.02	-14.77	-13.76	-5.260	-17.00	-18.57	-22.74	-06.33	+43.18	-28.79	+0.000			
D 0315	+21.42	+18.92	+16.03	-14.76	-13.68	-5.439	-16.99	-18.56	-22.73	-05.41	+43.35	-31.67	+0.000			
D 0330	+21.42	+18.92	+16.03	-14.74	-13.52	-5.581	-16.99	-18.56	-22.73	-04.50	+42.57	-38.15	+0.000			
D 0345	+21.42	+18.92	+16.04	-14.73	-13.45	-5.762	-16.98	-18.56	-22.72	-03.58	+41.79	-45.13	+0.000			
D 0400	+21.42	+18.92	+16.04	-14.73	-13.38	-5.943	-16.97	-18.55	-22.71	-02.66	+41.07	-52.60	+0.000			
D 0415	+21.42	+18.91	+16.04	-14.71	-13.31	-6.124	-16.96	-18.54	-22.71	-01.74	+40.35	-60.07	+0.000			
D 0430	+21.42	+18.91	+16.04	-14.71	-13.24	-6.305	-16.95	-18.54	-22.71	-00.82	+39.63	-67.54	+0.000			
D 0445	+21.41	+18.91	+16.05	-14.67	-13.18	-6.486	-16.94	-18.53	-22.70	-00.00	+38.91	-75.01	+0.000			
D 0500	+21.41	+18.91	+16.05	-14.66	-13.12	-6.667	-16.93	-18.52	-22.69	+0.00	+38.19	-82.48	+0.000			
D 0515	+21.41	+18.90	+16.05	-14.64	-13.06	-6.848	-16.92	-18.51	-22.68	+0.00	+37.47	-90.00	+0.000			
D 0530	+21.41	+18.90	+16.05	-14.64	-13.00	-7.029	-16.91	-18.50	-22.67	+0.00	+36.75	-97.50	+0.000			
D 0545	+21.41	+18.89	+16.06	-14.62	-12.94	-7.210	-16.90	-18.49	-22.66	+0.00	+36.03	-105.00	+0.000			
D 0600	+21.41	+18.89	+16.06	-14.58	-12.88	-7.391	-16.89	-18.48	-22.65	+0.00	+35.31	-112.50	+0.000			
D 0615	+21.41	+18.89	+16.06	-14.57	-12.82	-7.572	-16.88	-18.47	-22.64	+0.00	+34.59	-120.00	+0.000			
D 0630	+21.41	+18.89	+16.06	-14.55	-12.76	-7.753	-16.87	-18.46	-22.63	+0.00	+33.87	-127.50	+0.000			
D 0645	+21.41	+18.89	+16.07	-14.51	-12.70	-7.934	-16.86	-18.45	-22.62	+0.00	+33.15	-135.00	+0.000			
D 0700	+21.41	+18														

Time	1.75m					1.0m			Surf. PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m							
1430	-21.36	-18.82	-16.07	-14.06	-13.79	-29.16	-16.91	-18.47	-22.65	-16.61	-22.06	-235.4	+0.000		
1445	-21.36	-18.82	-16.07	-14.07	-13.98	-29.23	-16.93	-18.48	-22.67	-16.49	-23.06	-184.1	+0.000		
1500	-21.36	-18.82	-16.07	-14.08	-14.18	-29.29	-16.94	-18.49	-22.68	-16.49	-23.06	-162.2	+0.000		
1515	-21.36	-18.82	-16.07	-14.09	-14.46	-28.59	-16.97	-18.50	-22.68	-16.49	-23.06	-132.5	+0.000		
1530	-21.36	-18.82	-16.06	-14.11	-14.60	-28.34	-16.98	-18.51	-22.68	-16.49	-23.06	-108.6	+0.000		
1545	-21.35	-18.81	-16.06	-14.12	-14.78	-25.82	-17.01	-18.52	-22.70	-16.35	-23.06	-142.7	+0.000		
1600	-21.35	-18.81	-16.06	-14.14	-14.97	-25.78	-17.02	-18.53	-22.70	-16.29	-23.06	-103.8	+0.000		
1615	-21.35	-18.81	-16.06	-14.17	-15.17	-25.78	-17.02	-18.54	-22.71	-16.29	-23.06	-94.5	+0.000		
1630	-21.35	-18.81	-16.06	-14.19	-15.35	-24.35	-17.05	-18.55	-22.72	-16.11	-23.06	-65.52	+0.000		
1645	-21.35	-18.81	-16.06	-14.23	-15.53	-23.10	-17.07	-18.56	-22.73	-15.09	-23.06	-45.69	+0.000		
1700	-21.34	-18.80	-16.05	-14.25	-15.69	-21.80	-17.07	-18.57	-22.74	-14.08	-23.06	-2.183	+0.000		
1715	-21.35	-18.80	-16.05	-14.29	-15.85	-20.42	-17.07	-18.58	-22.75	-14.08	-23.06	-19.41	-21.72		
1730	-21.34	-18.80	-16.05	-14.33	-15.99	-19.17	-17.10	-18.59	-22.76	-12.83	-23.06	-36.06	+0.000		
1745	-21.35	-18.80	-16.05	-14.37	-16.11	-17.83	-17.11	-18.60	-22.77	-11.31	-23.06	-44.30	+0.000		
1800	-21.34	-18.80	-16.04	-14.41	-16.21	-17.12	-17.12	-18.61	-22.79	-10.55	-23.06	-41.39	+0.000		
1815	-21.34	-18.80	-16.04	-14.45	-16.30	-16.47	-17.14	-18.61	-22.80	-9.47	-23.06	-44.99	+0.000		
1830	-21.34	-18.80	-16.03	-14.50	-16.38	-13.47	-17.14	-18.62	-22.81	-8.81	-23.06	-43.70	+0.000		
1845	-21.34	-18.80	-16.03	-14.54	-16.43	-12.41	-17.15	-18.63	-22.81	-8.09	-23.06	-42.88	+0.000		
1900	-21.34	-18.80	-16.03	-14.59	-16.46	-11.51	-17.15	-18.63	-22.81	-7.63	-23.06	-41.85	+0.000		
1915	-21.33	-18.79	-16.02	-14.63	-16.47	-10.78	-17.15	-18.64	-22.81	-7.09	-23.06	-41.39	+0.000		
1930	-21.34	-18.79	-16.01	-14.68	-16.47	-10.08	-17.17	-18.64	-22.81	-6.88	-23.06	-42.57	+0.000		
1945	-21.33	-18.78	-16.01	-14.72	-16.45	-9.48	-17.17	-18.65	-22.81	-6.59	-23.06	-44.59	+0.000		
2000	-21.33	-18.78	-16.02	-14.76	-16.41	-8.94	-17.18	-18.65	-22.83	-6.60	-23.06	-48.10	+0.000		
2015	-21.33	-18.78	-16.02	-14.81	-16.36	-8.54	-17.18	-18.65	-22.83	-6.56	-23.06	-50.18	+0.000		
2030	-21.33	-18.78	-16.02	-14.85	-16.30	-8.13	-17.17	-18.65	-22.83	-6.49	-23.06	-51.42	+0.000		
2045	-21.33	-18.78	-16.02	-14.88	-16.23	-7.73	-17.17	-18.65	-22.83	-6.42	-23.06	-52.66	+0.000		
2100	-21.33	-18.78	-16.02	-14.92	-16.15	-7.45	-17.17	-18.65	-22.83	-6.35	-23.06	-53.91	+0.000		
2115	-21.33	-18.78	-16.02	-14.96	-16.06	-7.25	-17.16	-18.64	-22.82	-6.28	-23.06	-55.16	+0.000		
2130	-21.33	-18.78	-16.02	-14.99	-15.98	-7.07	-17.16	-18.64	-22.82	-6.21	-23.06	-56.41	+0.000		
2145	-21.32	-18.77	-16.02	-15.01	-15.87	-6.92	-17.15	-18.63	-22.81	-6.14	-23.06	-57.66	+0.000		
2200	-21.32	-18.77	-16.02	-15.05	-15.78	-6.75	-17.13	-18.63	-22.81	-6.07	-23.06	-58.91	+0.000		
2215	-21.32	-18.77	-16.02	-15.09	-15.68	-6.59	-17.12	-18.62	-22.80	-6.00	-23.06	-60.16	+0.000		
2230	-21.32	-18.77	-16.02	-15.11	-15.58	-6.43	-17.11	-18.62	-22.79	-5.93	-23.06	-61.41	+0.000		
2245	-21.32	-18.77	-16.02	-15.15	-15.47	-6.28	-17.10	-18.62	-22.79	-5.86	-23.06	-62.66	+0.000		
2300	-21.32	-18.76	-16.03	-15.19	-15.36	-6.13	-17.09	-18.61	-22.78	-5.79	-23.06	-63.91	+0.000		
2315	-21.32	-18.76	-16.03	-15.23	-15.26	-6.00	-17.08	-18.61	-22.77	-5.72	-23.06	-65.16	+0.000		
2330	-21.32	-18.76	-16.03	-15.27	-15.16	-5.87	-17.07	-18.60	-22.77	-5.65	-23.06	-66.41	+0.000		
2345	-21.31	-18.76	-16.03	-15.31	-15.05	-5.74	-17.06	-18.59	-22.76	-5.58	-23.06	-67.66	+0.000		
0000	-21.31	-18.76	-16.03	-15.35	-14.95	-5.61	-17.06	-18.59	-22.75	-5.51	-23.06	-68.91	+0.000		
0015	-21.31	-18.76	-16.04	-15.16	-14.84	-5.46	-17.05	-18.58	-22.75	-5.44	-23.06	-70.16	+0.000		
0030	-21.31	-18.75	-16.04	-15.16	-14.73	-5.31	-17.04	-18.57	-22.74	-5.37	-23.06	-71.41	+0.000		
0045	-21.31	-18.75	-16.04	-15.16	-14.62	-5.16	-17.03	-18.56	-22.74	-5.30	-23.06	-72.66	+0.000		
0100	-21.31	-18.75	-16.05	-15.16	-14.51	-5.01	-17.02	-18.55	-22.73	-5.23	-23.06	-73.91	+0.000		
0115	-21.31	-18.75	-16.05	-15.15	-14.41	-4.86	-17.01	-18.54	-22.73	-5.16	-23.06	-75.16	+0.000		
0130	-21.30	-18.74	-16.05	-15.15	-14.30	-4.71	-17.00	-18.53	-22.72	-5.09	-23.06	-76.41	+0.000		
0145	-21.30	-18.75	-16.06	-15.14	-14.20	-4.56	-16.99	-18.52	-22.71	-5.02	-23.06	-77.66	+0.000		
0200	-21.30	-18.75	-16.06	-15.14	-14.09	-4.41	-16.98	-18.51	-22.70	-4.95	-23.06	-78.91	+0.000		
0215	-21.30	-18.74	-16.06	-15.12	-13.98	-4.26	-16.97	-18.50	-22.69	-4.88	-23.06	-80.16	+0.000		
0230	-21.30	-18.74	-16.07	-15.11	-13.88	-4.11	-16.96	-18.49	-22.68	-4.81	-23.06	-81.41	+0.000		
0245	-21.30	-18.73	-16.08	-15.08	-13.78	-3.96	-16.95	-18.48	-22.67	-4.74	-23.06	-82.66	+0.000		
0300	-21.29	-18.73	-16.08	-15.08	-13.67	-3.81	-16.94	-18.47	-22.66	-4.67	-23.06	-83.91	+0.000		
0315	-21.30	-18.74	-16.09	-15.07	-13.57	-3.66	-16.93	-18.46	-22.65	-4.60	-23.06	-85.16	+0.000		
0330	-21.30	-18.74	-16.09	-15.04	-13.48	-3.51	-16.92	-18.45	-22.64	-4.53	-23.06	-86.41	+0.000		
0345	-21.30	-18.73	-16.09	-15.02	-13.39	-3.36	-16.91	-18.44	-22.63	-4.46	-23.06	-87.66	+0.000		
0400	-21.29	-18.73	-16.10	-15.00	-13.30	-3.21	-16.90	-18.43	-22.62	-4.39	-23.06	-88.91	+0.000		

Time	1.75m					1.0m			Surf. PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m							
0415	-21.29	-18.73	-16.10	-14.98	-13.21	-0.892	-16.89	-18.43	-22.59	-4.018	-58.12	-30.28	+0.000		
0430	-21.29	-18.73	-16.10	-14.98	-13.12	-0.805	-16.89	-18.42	-22.59	-3.921	-58.18	-31.59	+0.000		
0445	-21.29	-18.73	-16.11	-14.94	-13.03	-0.666	-16.87	-18.41	-22.57	-4.116	-58.40	-30.14	+0.000		
0500	-21.29	-18.73	-16.11	-14.91	-12.94	-0.492	-16.86	-18.40	-22.56	-3.629	-58.21	-31.31	+0.000		
0515	-21.28	-18.72	-16.11	-14.89	-12.85	-0.210	-16.84	-18.40	-22.55	-3.095	-59.86	-30.68	+0.000		
0530	-21.28	-18.71	-16.11	-14.86	-12.77	-0.010	-16.84	-18.39	-22.54	-2.781	-60.40	-30.82	+0.000		
0545	-21.28	-18.72	-16.12	-14.83	-12.68	-0.192	-16.82	-18.37	-22.53	-2.488	-61.66	-29.87	+0.000		
0600	-21.28	-18.72	-16.12	-14.81	-12.60	-0.324	-16.81	-18.37	-22.52	-3.375	-61.32	-29.26	+0.000		
0615	-21.28	-18.72	-16.13	-14.78	-12.51	-0.394	-16.80	-18.36	-22.51	-2.591	-61.68	-31.52	+0.000		
0630	-21.28	-18.72	-16.13	-14.76	-12.43	-0.691	-16.79	-18.35	-22.50	-1.651	-65.60	-30.80	+0.000		
0645	-21.27	-18.71	-16.13	-14.73	-12.34	-0.936	-16.78	-18.34	-22.49	-1.367	-67.71	-30.37	+0.000		
0700	-21.27	-18.71	-16.13	-14.70	-12.25	-0.982	-16.77	-18.33	-22.48	-1.769	-69.03	-29.64	+0.000		
0715	-21.27	-18.71	-16.14	-14.67	-12.16	-0.886	-16.76	-18.32	-22.46	-3.220	-67.2	-27.98	+0.000		
0730	-21.27	-18.71	-16.14	-14.64	-12.08	-0.729	-16.75	-18.31	-22.45	-2.871	-67.1	-25.12	+0.000		
0745	-21.27	-18.71	-16.14	-14.64	-12.00	-0.730	-16.74	-18.30	-22.45	-2.871	-67.1	-25.12	+0.000		
0800	-21.27	-18.71	-16.14	-14.64	-11.92	-0.760	-16.73	-18.29	-22.44	-2.604	-67.7	-24.68	+0.000		
0815	-21.26	-18.70	-16.14	-14.58	-11.83	-0.164	-16.71	-18.28	-22.43	-3.983	-67.0	-17.43	+0.000		
0830	-21.27	-18.71	-16.15	-14.52	-11.75	-0.692	-16.70	-18.27	-22.42	-3.655	-69.85	-23.20	+0.000		
0845	-21.26	-18.70	-16.15	-14.48	-11.67	-1.559	-16.68	-18.25	-22.40	-3.853	-69.91	-40.29	+0.000		
0900	-21.26	-18.70	-16.15	-14.45	-11.59	-3.095	-16.68	-18.25	-22.40	-4.453	-68.68	-2.538	+0.000		
0915	-21.26	-18.70	-16.15	-14.45	-11.51	-4.317	-16.67	-18.25	-22.40	-4.037	-69.75	-44.68	+0.000		
0930	-21.26	-18.69	-16.15	-14.42	-11.44	-5.530	-16.67	-18.24	-22.39	-5.116	-68.12	-17.43	+0.000		
0945	-21.26	-18.69	-16.15	-14.35	-11.38	-0.677	-16.66	-18.23	-22.38	-6.452	-64.08	-0.976	+0.000		
1000	-21.26	-18.69	-16.15	-14.32	-11.32	-0.912	-16.66	-18.22	-22.36	-6.926	-61.72	-115.8	+0.000		
1015	-21.25	-18.69	-16.15	-14.28	-11.26	-1.214	-16.64	-18.21	-22.35	-7.072	-60.39	-171.4	+0.000		
1030	-21.25	-18.69	-16.16	-14.25	-11.20	-1.570	-16.64	-18.20	-22.35	-8.277	-58.33	-156.0	+0.000		
1045	-21.25	-18.68	-16.15	-14.18	-11.19	-1.505	-16.63	-18.20	-22.35	-8.83	-56.28	-159.7	+0.000		
1100	-21.25	-18.68	-16.15	-14.15	-11.19	-1.570	-16.63	-18.20	-22.34	-8.83	-56.28				

Time	1.75m					1.0m			Surf. PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	.5m	.25m	.125m	1.0m	1.75m	1.75m							
D 1800	-21.21	-18.64	-16.06	-14.06	-15.30	-15.51	-16.90	-18.41	-22.56	-12.13	-41.44	-30.43	+0.000		
D 1815	-21.20	-18.63	-16.05	-14.09	-15.41	-14.50	-16.94	-18.42	-22.58	-11.81	-42.01	-36.69	+0.000		
D 1830	-21.21	-18.64	-16.05	-14.13	-15.51	-13.50	-16.93	-18.42	-22.58	-11.52	-42.61	-38.56	+0.000		
D 1845	-21.20	-18.64	-16.04	-14.17	-15.57	-12.57	-16.95	-18.43	-22.59	-11.24	-43.16	-37.89	+0.000		
D 1900	-21.20	-18.63	-16.04	-14.21	-15.62	-11.85	-16.96	-18.44	-22.59	-10.91	-43.83	-34.54	+0.000		
D 1915	-21.21	-18.63	-16.03	-14.25	-15.68	-11.30	-16.97	-18.44	-22.61	-10.61	-44.49	-30.43	+0.000		
D 1930	-21.20	-18.63	-16.03	-14.29	-15.66	-10.85	-16.96	-18.45	-22.61	-10.40	-44.98	-29.89	+0.000		
D 1945	-21.20	-18.63	-16.02	-14.34	-15.66	-10.42	-16.98	-18.45	-22.61	-09.85	-46.03	-26.93	+0.000		
D 2000	-21.20	-18.63	-16.02	-14.38	-15.64	-10.09	-16.97	-18.45	-22.61	-09.66	-46.97	-28.03	+0.000		
D 2015	-21.20	-18.63	-16.01	-14.42	-15.61	-09.75	-16.99	-18.45	-22.61	-09.61	-47.38	-30.07	+0.000		
D 2030	-21.20	-18.62	-16.01	-14.46	-15.57	-09.34	-16.98	-18.46	-22.61	-09.15	-48.16	-30.46	+0.000		
D 2045	-21.19	-18.62	-16.01	-14.49	-15.52	-08.93	-16.98	-18.46	-22.61	-08.98	-50.22	-29.26	+0.000		
D 2100	-21.19	-18.62	-16.00	-14.53	-15.47	-08.65	-16.97	-18.45	-22.61	-08.97	-51.59	-30.17	+0.000		
D 2115	-21.19	-18.62	-16.00	-14.56	-15.40	-08.46	-16.96	-18.46	-22.61	-08.99	-51.81	-28.58	+0.000		
D 2130	-21.19	-18.62	-16.00	-14.59	-15.33	-08.20	-16.95	-18.45	-22.61	-08.78	-52.03	-28.49	+0.000		
D 2145	-21.19	-18.62	-16.00	-14.62	-15.27	-07.99	-16.99	-18.45	-22.61	-08.59	-52.48	-28.19	+0.000		
D 2100	-21.18	-18.62	-15.99	-14.64	-15.19	-07.62	-16.95	-18.45	-22.60	-08.39	-52.91	-28.11	+0.000		
D 2115	-21.19	-18.62	-15.99	-14.67	-15.12	-07.32	-16.94	-18.45	-22.60	-08.42	-52.47	-27.74	+0.000		
D 2230	-21.18	-18.61	-15.99	-14.69	-15.03	-6.986	-16.94	-18.45	-22.60	-08.19	-52.98	-30.05	+0.000		
D 2245	-21.19	-18.62	-15.99	-14.71	-14.96	-6.639	-16.93	-18.43	-22.59	-07.95	-53.73	-30.24	+0.000		
D 2300	-21.18	-18.61	-15.99	-14.73	-14.88	-6.316	-16.92	-18.43	-22.59	-07.70	-55.07	-31.01	+0.000		
D 2315	-21.18	-18.61	-15.99	-14.74	-14.80	-6.187	-16.91	-18.43	-22.58	-07.99	-55.13	-31.06	+0.000		
D 2330	-21.18	-18.61	-15.98	-14.76	-14.72	-6.123	-16.91	-18.42	-22.57	-08.11	-54.97	-31.59	+0.000		
D 2345	-21.18	-18.61	-15.98	-14.76	-14.63	-6.065	-16.90	-18.41	-22.57	-07.97	-55.23	-30.62	+0.000		
D 0000	-21.18	-18.61	-15.98	-14.78	-14.55	-5.813	-16.90	-18.41	-22.56	-07.70	-56.06	-30.30	+0.000		
D 0015	-21.18	-18.61	-15.98	-14.78	-14.47	-5.529	-16.89	-18.41	-22.56	-07.34	-57.11	-29.92	+0.000		
D 0030	-21.18	-18.61	-15.99	-14.79	-14.38	-5.359	-16.88	-18.41	-22.55	-07.37	-57.81	-28.82	+0.000		
D 0045	-21.18	-18.61	-15.99	-14.79	-14.30	-5.187	-16.87	-18.40	-22.55	-07.19	-58.22	-28.49	+0.000		
D 0100	-21.17	-18.61	-15.99	-14.79	-14.22	-4.867	-16.87	-18.39	-22.54	-6.693	-59.53	-28.21	+0.000		
D 0115	-21.17	-18.60	-15.99	-14.79	-14.14	-4.599	-16.86	-18.38	-22.54	-6.424	-60.47	-27.92	+0.000		
D 0130	-21.17	-18.60	-15.99	-14.79	-14.05	-4.427	-16.85	-18.38	-22.53	-6.602	-60.26	-27.00	+0.000		
D 0145	-21.17	-18.60	-15.99	-14.78	-13.97	-4.326	-16.84	-18.37	-22.52	-6.815	-60.26	-26.86	+0.000		
D 0200	-21.17	-18.60	-15.99	-14.78	-13.89	-4.162	-16.84	-18.36	-22.51	-6.458	-60.41	-29.49	+0.000		
D 0215	-21.17	-18.60	-15.99	-14.77	-13.81	-3.990	-16.83	-18.36	-22.51	-6.072	-61.44	-27.73	+0.000		
D 0230	-21.17	-18.60	-15.99	-14.76	-13.73	-3.821	-16.82	-18.35	-22.51	-6.266	-62.70	-29.00	+0.000		
D 0245	-21.16	-18.59	-15.99	-14.76	-13.65	-3.590	-16.81	-18.34	-22.49	-6.263	-60.74	-29.63	+0.000		
D 0300	-21.16	-18.59	-15.99	-14.75	-13.57	-3.539	-16.81	-18.34	-22.49	-6.229	-60.79	-30.25	+0.000		
D 0315	-21.17	-18.60	-15.99	-14.74	-13.49	-3.161	-16.80	-18.33	-22.47	-5.808	-62.08	-29.39	+0.000		
D 0330	-21.16	-18.59	-15.99	-14.72	-13.41	-2.782	-16.79	-18.30	-22.46	-5.714	-62.76	-28.91	+0.000		
D 0345	-21.16	-18.59	-16.00	-14.72	-13.34	-2.536	-16.78	-18.30	-22.45	-5.394	-64.47	-30.15	+0.000		
D 0400	-21.16	-18.59	-16.00	-14.71	-13.26	-2.314	-16.77	-18.29	-22.44	-4.655	-64.13	-31.37	+0.000		
D 0415	-21.15	-18.59	-16.00	-14.68	-13.18	-1.805	-16.76	-18.28	-22.43	-4.248	-66.33	-30.58	+0.000		
D 0430	-21.16	-18.58	-16.00	-14.67	-13.10	-1.644	-16.75	-18.27	-22.42	-4.378	-68.04	-29.76	+0.000		
D 0445	-21.15	-18.58	-16.00	-14.65	-13.02	-1.429	-16.74	-18.27	-22.41	-4.537	-68.38	-30.21	+0.000		
D 0500	-21.15	-18.58	-16.00	-14.63	-12.94	-1.275	-16.74	-18.27	-22.41	-4.424	-68.60	-30.70	+0.000		
D 0515	-21.15	-18.58	-16.00	-14.63	-12.94	-1.193	-16.73	-18.26	-22.40	-4.920	-68.58	-30.03	+0.000		
D 0530	-21.15	-18.58	-16.01	-14.60	-12.79	-1.045	-16.71	-18.25	-22.39	-5.250	-68.10	-28.33	+0.000		
D 0545	-21.15	-18.58	-16.01	-14.58	-12.71	-0.812	-16.70	-18.24	-22.38	-4.762	-68.31	-29.06	+0.000		
D 0600	-21.15	-18.58	-16.01	-14.56	-12.63	-0.516	-16.69	-18.24	-22.38	-3.980	-69.69	-30.10	+0.000		
D 0615	-21.14	-18.57	-16.01	-14.54	-12.55	-0.347	-16.68	-18.23	-22.37	-4.281	-69.67	-30.47	+0.000		
D 0630	-21.14	-18.57	-16.01	-14.52	-12.47	-0.169	-16.67	-18.22	-22.36	-4.400	-68.88	-30.34	+0.000		
D 0645	-21.14	-18.57	-16.02	-14.50	-12.39	-0.015	-16.66	-18.21	-22.35	-4.336	-69.35	-30.00	+0.000		
D 0700	-21.14	-18.57	-16.02	-14.47	-12.31	-0.097	-16.65	-18.20	-22.34	-4.268	-68.97	-31.45	+0.000		
D 0715	-21.14	-18.57	-16.02	-14.45	-12.23	-0.320	-16.64	-18.19	-22.33	-3.871	-69.97	-30.52	+0.000		
D 0730	-21.14	-18.57	-16.02	-14.43	-12.15	-0.477	-16.63	-18.19	-22.32	-3.892	-670.4	-30.41	+0.000		

Time	1.75m					1.0m			Surf. PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	.5m	.25m	.125m	1.0m	1.75m	1.75m							
D 0745	-21.13	-18.57	-16.02	-14.40	-12.07	-0.455	-16.62	-18.17	-22.31	-3.981	-071.2	-30.17	+0.000		
D 0800	-21.14	-18.57	-16.03	-14.38	-11.99	-0.503	-16.61	-18.17	-22.30	-3.864	-072.4	-26.42	+0.000		
D 0815	-21.14	-18.56	-16.02	-14.35	-11.91	-0.291	-16.59	-18.16	-22.29	-4.480	-072.5	-28.67	+0.000		
D 0830	-21.13	-18.56	-16.02	-14.33	-11.83	-0.425	-16.59	-18.15	-22.29	-5.433	-071.2	-13.94	+0.000		
D 0845	-21.13	-18.56	-16.02	-14.30	-11.75	-1.800	-16.58	-18.14	-22.28	-5.940	-070.3	-21.45	+0.000		
D 0900	-21.13	-18.56	-16.03	-14.27	-11.67	-1.597	-16.57	-18.13	-22.27	-6.945	-68.73	-49.24	+0.000		
D 0915	-21.13	-18.55	-16.02	-14.24	-11.59	-6.054	-16.56	-18.13	-22.26	-08.37	-64.34	-40.53	+0.000		
D 0930	-21.13	-18.56	-16.02	-14.21	-11.52	-07.56	-16.55	-18.12	-22.25	-08.32	-61.26	-102.7	+0.000		
D 0945	-21.12	-18.55	-16.02	-14.18	-11.45	-09.98	-16.55	-18.11	-22.24	-08.33	-59.77	-112.2	+0.000		
D 1000	-21.12	-18.55	-16.03	-14.15	-11.39	-11.01	-16.54	-18.11	-22.23	-07.77	-60.67	-091.5	+0.000		
D 1015	-21.12	-18.55	-16.02	-14.12	-11.34	-11.78	-16.54	-18.10	-22.23	-07.77	-60.95	-126.5	+0.000		
D 1030	-21.12	-18.55	-16.02	-14.10	-11.30	-13.60	-16.53	-18.09	-22.22	-08.86	-58.27	-179.7	+0.000		
D 1045	-21.12	-18.55	-16.02	-14.07	-11.28	-16.33	-16.53	-18.09	-22.22	-09.96	-54.67	-214.8	+0.000		
D 1100	-21.12	-18.55	-16.02	-14.04	-11.27	-18.56	-16.52	-18.09	-22.22	-10.39	-53.22	-216.0	+0.000		
D 1115	-21.12	-18.55	-16.02	-14.01	-11.28	-19.74	-16.53	-18.08	-22.22	-10.72	-52.43	-223.2	+0.000		
D 1130	-21.11	-18.54	-16.02	-13.98	-11.31	-21.29	-16.52	-18.08	-22.22	-11.34	-45.74	-252.8	+0.000		
D 1145	-21.11	-18.54	-16.02	-13.95	-11.36	-22.54	-16.51	-18.08	-22.22	-11.63	-45.00	-311.2	+0.000		
D 1200	-21.11	-18.54	-16.02	-13.93	-11.43	-24.14	-16.53	-18.08	-22.21	-11.57	-47.89	-229.8	+0.000		
D 1215	-21.11	-18.54	-16.02	-13.89	-11.51	-25.34	-16.54	-18.08	-22.22	-11.15	-46.50	-245.8	+0.000		
D 1230	-21.11	-18.54	-16.02	-13.87	-11.61	-26.07	-16.54	-18.08	-22.22	-11.24	-45.74	-252.8	+0.000		
D 1245	-21.11	-18.54	-16.02	-13.85	-11.75	-26.55	-16.56	-18.09	-22.22	-11.63	-45.00	-311.2	+0.000		
D 1300	-21.10	-18.53	-16.01	-13.83	-11.89	-27.15	-16.55	-18.09	-22.23	-14.07	-44.07	-243.2	+0.000		
D 1315	-21.11	-18.54	-16.01	-13.81	-12.06	-28.42	-16.56	-18.10	-22.23	-15.16	-42.42	-273.1	+0.000		
D 1330	-21.10	-18.53	-16.01	-13.79	-12.23	-29.74	-16.58	-18.11	-22.24	-15.90	-40.23	-225.7	+0.000		
D 1345	-21.09	-18.53	-16.00	-13.77	-12.41	-30.20	-16.59	-18.11	-22.25	-16.56	-37.24	-247.0	+0.000		
D 1400	-21.10	-18.53	-16.00	-13.76	-12.62	-30.93	-16.60	-18.12	-22.26	-17.18	-33.33	-220.4	+0.000		
D 1415	-21.10	-18.53	-16.00	-13.76	-12.83	-31.30	-16.62	-18.13							



Time	1.75m			1.0m			.5m			.25m			.125m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m						
2145	-21.06	-18.48	-15.88	+14.79	+16.01	+07.42	+16.96	-18.41	+22.55	+10.66	+41.45	-33.43	+0.000										
2200	-21.06	-18.48	-15.88	+14.82	+15.92	+07.08	+16.95	-18.41	+22.55	+09.96	+42.39	-32.48	+0.000										
2215	-21.06	-18.48	-15.88	+14.85	+15.84	+6.848	+16.94	-18.40	+22.55	+09.56	+43.39	-32.83	+0.000										
2230	-21.06	-18.48	-15.88	+14.88	+15.74	+6.527	+16.93	-18.40	+22.54	+09.44	+43.83	-33.11	+0.000										
2245	-21.06	-18.48	-15.88	+14.90	+15.65	+6.224	+16.92	-18.40	+22.54	+09.22	+43.57	-33.94	+0.000										
2300	-21.05	-18.47	-15.87	+14.92	+15.54	+5.778	+16.92	-18.40	+22.54	+08.88	+43.96	-33.34	+0.000										
2315	-21.05	-18.48	-15.88	+14.95	+15.45	+5.499	+16.90	-18.39	+22.54	+08.33	+45.13	-31.36	+0.000										
2330	-21.05	-18.48	-15.88	+14.96	+15.34	+5.236	+16.89	-18.38	+22.52	+07.97	+46.16	-28.12	+0.000										
2345	-21.05	-18.48	-15.88	+14.98	+15.24	+5.056	+16.88	-18.37	+22.52	+07.72	+46.61	-29.56	+0.000										
0000	-21.05	-18.47	-15.88	+14.99	+15.14	+4.915	+16.87	-18.37	+22.50	+07.93	+46.72	-27.59	+0.000										
0015	-21.05	-18.48	-15.89	-15.00	+15.04	+4.938	+16.87	-18.36	+22.50	+08.45	+46.04	-27.28	+0.000										
0030	-21.05	-18.47	-15.89	-15.01	+14.94	+4.989	+16.86	-18.35	+22.49	+08.18	+44.89	-25.84	+0.000										
0045	-21.05	-18.47	-15.89	-15.01	+14.83	+4.801	+16.85	-18.35	+22.49	+07.67	+44.39	-27.14	+0.000										
0100	-21.04	-18.47	-15.89	-15.02	+14.73	+4.666	+16.84	-18.34	+22.48	+07.79	+43.50	-25.71	+0.000										
0115	-21.04	-18.47	-15.89	-15.02	+14.63	+4.524	+16.84	-18.34	+22.48	+07.79	+43.50	-25.71	+0.000										
0130	-21.05	-18.47	-15.90	-15.02	+14.53	+4.673	+16.83	-18.33	+22.47	+08.21	+43.02	-22.14	+0.000										
0145	-21.04	-18.46	-15.89	-15.01	+14.43	+4.656	+16.82	-18.32	+22.46	+08.24	+43.50	-23.08	+0.000										
0200	-21.04	-18.46	-15.90	-15.01	+14.33	+4.591	+16.81	-18.31	+22.45	+07.88	+44.28	-24.47	+0.000										
0215	-21.04	-18.46	-15.90	-15.01	+14.23	+4.527	+16.80	-18.30	+22.44	+07.35	+45.23	-24.15	+0.000										
0230	-21.04	-18.46	-15.91	-15.00	+14.15	+4.500	+16.80	-18.31	+22.44	+07.35	+45.23	-24.15	+0.000										
0245	-21.04	-18.46	-15.91	-14.99	+14.06	+4.427	+16.79	-18.30	+22.42	+07.27	+44.68	-23.71	+0.000										
0300	-21.04	-18.46	-15.92	-14.98	+13.97	+4.409	+16.77	-18.28	+22.42	+07.27	+44.68	-23.71	+0.000										
0315	-21.03	-18.46	-15.92	-14.95	+13.80	+4.381	+16.77	-18.27	+22.41	+07.08	+44.90	-20.44	+0.000										
0330	-21.03	-18.45	-15.92	-14.94	+13.74	+4.369	+16.77	-18.27	+22.40	+6.719	+45.68	-18.27	+0.000										
0345	-21.03	-18.45	-15.93	-14.92	+13.64	+4.351	+16.75	-18.24	+22.38	+6.316	+46.78	-19.29	+0.000										
0400	-21.03	-18.45	-15.93	-14.91	+13.56	+4.308	+16.74	-18.23	+22.37	+6.380	+46.62	-16.26	+0.000										
0415	-21.02	-18.45	-15.93	-14.89	+13.49	+4.273	+16.73	-18.22	+22.36	+6.380	+46.62	-16.26	+0.000										
0430	-21.02	-18.45	-15.94	-14.87	+13.42	+4.242	+16.72	-18.21	+22.35	+6.380	+46.62	-16.26	+0.000										
0445	-21.02	-18.45	-15.94	-14.85	+13.32	+4.215	+16.71	-18.20	+22.34	+6.380	+46.62	-16.26	+0.000										
0500	-21.02	-18.45	-15.94	-14.83	+13.28	+4.188	+16.71	-18.20	+22.33	+6.380	+46.62	-16.26	+0.000										
0515	-21.02	-18.44	-15.94	-14.83	+13.28	+4.188	+16.71	-18.20	+22.33	+6.380	+46.62	-16.26	+0.000										
0530	-21.02	-18.44	-15.95	-14.82	+13.22	+4.161	+16.70	-18.20	+22.33	+6.380	+46.62	-16.26	+0.000										
0545	-21.01	-18.44	-15.95	-14.79	+13.16	+4.134	+16.69	-18.19	+22.32	+6.380	+46.62	-16.26	+0.000										
0600	-21.01	-18.44	-15.95	-14.79	+13.16	+4.134	+16.69	-18.19	+22.32	+6.380	+46.62	-16.26	+0.000										
0615	-21.02	-18.44	-15.96	-14.76	+13.04	+4.107	+16.68	-18.18	+22.32	+6.380	+46.62	-16.26	+0.000										
0630	-21.02	-18.44	-15.96	-14.73	+12.98	+4.081	+16.66	-18.17	+22.32	+6.380	+46.62	-16.26	+0.000										
0645	-21.02	-18.44	-15.96	-14.71	+12.93	+4.054	+16.66	-18.16	+22.30	+6.380	+46.62	-16.26	+0.000										
0700	-21.02	-18.44	-15.96	-14.69	+12.87	+4.027	+16.65	-18.15	+22.29	+6.380	+46.62	-16.26	+0.000										
0715	-21.01	-18.43	-15.97	-14.66	+12.82	+3.999	+16.65	-18.15	+22.29	+6.380	+46.62	-16.26	+0.000										
0730	-21.02	-18.44	-15.98	-14.65	+12.77	+3.972	+16.64	-18.15	+22.28	+6.380	+46.62	-16.26	+0.000										
0745	-21.01	-18.43	-15.97	-14.62	+12.71	+3.945	+16.64	-18.14	+22.27	+6.380	+46.62	-16.26	+0.000										
0800	-21.01	-18.43	-15.98	-14.60	+12.66	+3.918	+16.62	-18.13	+22.26	+6.380	+46.62	-16.26	+0.000										
0815	-21.01	-18.43	-15.98	-14.58	+12.60	+3.891	+16.62	-18.13	+22.26	+6.380	+46.62	-16.26	+0.000										
0830	-21.00	-18.43	-15.98	-14.55	+12.54	+3.864	+16.61	-18.12	+22.26	+6.380	+46.62	-16.26	+0.000										
0845	-21.00	-18.43	-15.98	-14.53	+12.54	+3.864	+16.61	-18.12	+22.25	+6.380	+46.62	-16.26	+0.000										
0900	-21.00	-18.43	-15.98	-14.51	+12.45	+3.837	+16.60	-18.11	+22.24	+6.380	+46.62	-16.26	+0.000										
0915	-21.00	-18.42	-15.98	-14.48	+12.40	+3.810	+16.59	-18.10	+22.23	+6.380	+46.62	-16.26	+0.000										
0930	-21.00	-18.42	-15.99	-14.46	+12.35	+3.783	+16.58	-18.09	+22.23	+6.380	+46.62	-16.26	+0.000										
0945	-21.00	-18.42	-15.99	-14.43	+12.32	+3.756	+16.57	-18.08	+22.22	+6.380	+46.62	-16.26	+0.000										
1000	-21.00	-18.42	-15.99	-14.41	+12.26	+3.729	+16.57	-18.08	+22.22	+6.380	+46.62	-16.26	+0.000										
1015	-20.99	-18.42	-15.99	-14.39	+12.26	+3.729	+16.57	-18.08	+22.22	+6.380	+46.62	-16.26	+0.000										
1030	-21.00	-18.42	-15.99	-14.37	+12.26	+3.729	+16.57	-18.08	+22.21	+6.380	+46.62	-16.26	+0.000										
1045	-20.99	-18.41	-15.99	-14.34	+12.26	+3.729	+16.57	-18.07	+22.21	+6.380	+46.62	-16.26	+0.000										
1100	-20.99	-18.41	-15.99	-14.31	+12.28	+3.729	+16.57	-18.07	+22.21	+6.380	+46.62	-16.26	+0.000										
1115	-20.99	-18.41	-15.99	-14.29	+12.32	+3.729	+16.57	-18.08	+22.21	+6.380	+46.62	-16.26	+0.000										

Time	1.75m			1.0m			.5m			.25m			.125m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m						
1130	-20.98	-18.41	-15.99	+14.27	+12.37	+24.76	+16.57	-18.08	+22.21	+16.03	+29.42	+14.8	+0.000										
1145	-20.98	-18.41	-15.99	+14.25	+12.45	+25.54	+16.58	-18.08	+22.21	+16.46	+26.46	+17.0	+0.000										
1200	-20.98	-18.41	-16.00	+14.23	+12.54	+26.42	+16.58	-18.08	+22.21	+17.30	+22.76	+232.6	+0.000										
1215	-20.98	-18.40	-15.99	+14.21	+12.64	+27.91	+16.59	-18.09	+22.22	+17.51	+20.22	+252.1	+0.000										
1230	-20.98	-18.40	-15.99	+14.20	+12.77	+29.81	+16.60	-18.09	+22.22	+18.20	+17.48	+278.2	+0.000										
1245	-20.98	-18.40	-15.99	+14.18	+12.91	+31.32	+16.60	-18.09	+22.22	+18.41	+17.19	+261.6	+0.000										
1300	-20.98	-18.40	-15.99	+14.17	+13.06	+31.79	+16.62	-18.10	+22.23	+18.77	+16.34	+211.5	+0.000										
1315	-20.97	-18.39	-15.99	+14.16	+13.21	+31.17	+16.63	-18.11	+22.25	+19.09	+16.67	+207.1	+0.000										
1330	-20.97	-18.39	-15.99	+14.15	+13.36	+30.80	+16.65	-18.13	+22.26	+19.17	+16.48	+205.3	+0.000										
1345	-20.97	-18.39	-15.99	+14.15	+13.51	+30.80	+16.65	-18.13	+22.26	+19.17	+16.48	+205.3	+0.000										
1400	-20.97	-18.39	-15.98	+14.14	+13.80	+26.97	+16.67	-18.14	+22.27	+18.59	+16.62	+112.2	+0.000										
1415	-20.97	-18.39	-15.98	+14.15	+14.02	+26.49	+16.69	-18.15	+22.29	+18.24	+16.56	+141.3	+0.000										
1430	-20.96	-18.38	-15.98	+14.15	+14.22	+25.33	+16.70	-18.18	+22.32	+18.00	+16.72	+126.9	+0.000										
1445	-20.96	-18.39	-15.98	+14.15	+14.44	+24.88	+16.72	-18.20	+22.33	+18.05	+16.84	+117.5	+0.000										
1500	-20.97	-18.39	-15.98	+14.15	+14.63	+24.26	+16.73	-18.21	+22.34	+17.78	+17.14	+089.4	+0.000										
1515	-20.97	-18.39	-15.98	+14.19	+14.83	+23.40	+16.74	-18.21	+22.35	+17.39	+17.29	+082.5	+0.000										
1530	-20.96	-18.39	-15.97	+14.21	+15.00	+22.41	+16.76	-18.23	+22.35	+17.04	+17.94	+53.23	+0.000										
1545	-20.96	-18.38	-15.96	+14.23	+15.16	+21.22	+16.77	-18.24	+22.37	+16.41	+17.77	+23.23	+0.000										
1600	-20.96	-18.38	-15.96	+14.26	+15.32	+19.97	+16.79	-18.25	+22.39	+15.98	+17.94	+18.53	+0.000										
1615	-20.96	-18.38	-15.96	+14.29	+15.45	+19.09	+16.81	-18.26	+22.39	+15.64	+18.13	+08.34	+0.000										
1630	-20.96	-18.38	-15.96	+14.32	+15.57	+18.33	+16.83	-18.27	+22.40	+15.54	+18.50	+23.61	+0.000										
1645	-20.96	-18.38	-15.95	+14.35	+15.67	+18.28	+16.85	-18.28	+22.41	+15.65	+18.69	+36.03	+0.000										
1700	-20.96	-18.38	-15.95	+14.39	+15.76	+18.07	+16.83	-18.29	+22.41	+15.55	+18.70	+24.17	+0.000										
1715	-20.96	-18.38	-15.95	+14.42	+15.84	+17.59	+16.85	-18.29	+22.42	+15.39	+18.61	+18.02	+0.000										
1730	-20.95	-18.37	-15.95	+14.46	+15.90	+17.22	+16.87	-18.29	+22.43	+15.58	+18.27	+09.23	+0.000										
1745	-20.95	-18.37	-15.94	+14.53	+15.98	+16.85	+16.85	-18.31															

Time	1.75m			1.0m			.75m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil								
0115	-20.92	-18.34	-15.95	-15.13	-14.97	-09.43	-16.83	-18.30	-22.43	-10.99	+40.36	-19.34	+0.000				
0130	-20.91	-18.34	-15.95	-15.13	-14.97	-09.43	-16.83	-18.30	-22.43	-10.99	+40.36	-19.34	+0.000				
0145	-20.91	-18.34	-15.95	-15.13	-14.97	-09.43	-16.83	-18.30	-22.43	-10.99	+40.36	-19.34	+0.000				
0200	-20.90	-18.33	-15.95	-15.13	-14.83	-09.40	-16.82	-18.29	-22.42	-11.21	+41.84	-17.40	+0.000				
0215	-20.91	-18.33	-15.96	-15.13	-14.79	-09.33	-16.82	-18.29	-22.41	-11.27	+42.46	-21.61	+0.000				
0230	-20.91	-18.33	-15.96	-15.13	-14.74	-09.36	-16.81	-18.28	-22.41	-10.95	+42.98	-18.07	+0.000				
0245	-20.91	-18.33	-15.96	-15.13	-14.70	-09.36	-16.81	-18.28	-22.41	-10.87	+42.93	-14.64	+0.000				
0300	-20.90	-18.33	-15.96	-15.12	-14.65	-09.26	-16.81	-18.27	-22.40	-10.80	+43.53	-11.80	+0.000				
0315	-20.91	-18.33	-15.97	-15.12	-14.60	-09.33	-16.80	-18.27	-22.40	-10.60	+44.06	-09.87	+0.000				
0330	-20.91	-18.33	-15.98	-15.11	-14.56	-09.45	-16.80	-18.27	-22.39	-10.80	+43.59	-09.97	+0.000				
0345	-20.90	-18.32	-15.98	-15.11	-14.51	-09.56	-16.79	-18.26	-22.39	-10.69	+43.96	-12.64	+0.000				
0400	-20.91	-18.33	-15.98	-15.10	-14.47	-09.36	-16.79	-18.25	-22.38	-10.50	+47.39	-23.08	+0.000				
0415	-20.90	-18.32	-15.98	-15.10	-14.43	-09.16	-16.79	-18.25	-22.38	-10.32	+50.85	-23.82	+0.000				
0430	-20.90	-18.32	-15.98	-15.09	-14.39	-09.12	-16.78	-18.25	-22.37	-10.26	+51.73	-20.02	+0.000				
0445	-20.90	-18.32	-15.99	-15.08	-14.35	-08.98	-16.77	-18.23	-22.36	-09.93	+50.14	-18.41	+0.000				
0500	-20.90	-18.32	-15.99	-15.07	-14.31	-08.63	-16.77	-18.23	-22.35	-09.76	+52.42	-22.56	+0.000				
0515	-20.90	-18.32	-15.99	-15.06	-14.27	-08.44	-16.77	-18.23	-22.35	-10.03	+53.73	-23.90	+0.000				
0530	-20.89	-18.31	-16.00	-15.06	-14.24	-08.37	-16.77	-18.23	-22.35	-09.88	+53.49	-24.76	+0.000				
0545	-20.89	-18.31	-16.00	-15.04	-14.20	-08.24	-16.76	-18.21	-22.34	-09.89	+51.74	-13.89	+0.000				
0600	-20.89	-18.31	-16.00	-15.04	-14.16	-08.40	-16.76	-18.21	-22.34	-10.06	+51.02	-10.84	+0.000				
0615	-20.89	-18.31	-16.01	-15.03	-14.13	-08.65	-16.75	-18.21	-22.33	-10.26	+50.80	-10.33	+0.000				
0630	-20.89	-18.31	-16.01	-15.02	-14.09	-08.73	-16.74	-18.20	-22.33	-10.37	+51.02	-09.93	+0.000				
0645	-20.89	-18.31	-16.01	-15.00	-14.05	-08.77	-16.74	-18.20	-22.33	-10.44	+51.20	-10.20	+0.000				
0700	-20.89	-18.31	-16.02	-14.99	-14.02	-08.80	-16.74	-18.20	-22.32	-10.11	+51.86	-12.69	+0.000				
0715	-20.88	-18.31	-16.02	-14.98	-13.98	-08.78	-16.73	-18.19	-22.32	-10.02	+52.14	-12.57	+0.000				
0730	-20.88	-18.31	-16.02	-14.97	-13.94	-08.84	-16.73	-18.19	-22.31	-10.23	+52.02	-11.76	+0.000				
0745	-20.88	-18.31	-16.02	-14.96	-13.91	-08.95	-16.73	-18.18	-22.31	-10.58	+52.61	-09.93	+0.000				
0800	-20.88	-18.31	-16.03	-14.95	-13.88	-09.01	-16.72	-18.18	-22.31	-10.53	+52.25	-08.93	+0.000				
0815	-20.88	-18.31	-16.03	-14.94	-13.85	-09.06	-16.71	-18.17	-22.30	-10.27	+53.39	-6.366	+0.000				
0830	-20.88	-18.30	-16.03	-14.92	-13.81	-09.09	-16.71	-18.17	-22.30	-09.95	+56.49	-3.884	+0.000				
0845	-20.88	-18.30	-16.03	-14.91	-13.79	-09.09	-16.70	-18.17	-22.29	-09.82	+57.48	-2.131	+0.000				
0900	-20.87	-18.30	-16.03	-14.90	-13.75	-09.17	-16.70	-18.17	-22.29	-09.65	+59.14	-2.790	+0.000				
0915	-20.87	-18.30	-16.03	-14.89	-13.73	-09.35	-16.70	-18.16	-22.28	-09.64	+52.07	-23.28	+0.000				
0930	-20.87	-18.30	-16.04	-14.88	-13.71	-09.69	-16.70	-18.16	-22.28	-09.59	+64.14	-28.81	+0.000				
0945	-20.87	-18.30	-16.04	-14.86	-13.68	-09.62	-16.69	-18.15	-22.27	-09.42	+66.37	-26.37	+0.000				
1000	-20.87	-18.29	-16.04	-14.85	-13.66	-09.57	-16.69	-18.15	-22.27	-09.30	+66.47	-22.55	+0.000				
1015	-20.87	-18.30	-16.04	-14.84	-13.64	-09.80	-16.68	-18.15	-22.27	-09.31	+64.57	-28.86	+0.000				
1030	-20.87	-18.30	-16.04	-14.83	-13.62	-10.09	-16.67	-18.14	-22.26	-09.37	+63.17	-40.22	+0.000				
1045	-20.86	-18.29	-16.05	-14.81	-13.60	-11.00	-16.67	-18.14	-22.26	-09.46	+62.28	-37.05	+0.000				
1100	-20.87	-18.29	-16.05	-14.80	-13.58	-10.70	-16.67	-18.13	-22.26	-09.05	+62.12	-18.10	+0.000				
1115	-20.87	-18.29	-16.05	-14.78	-13.57	-10.25	-16.67	-18.13	-22.26	-08.96	+65.32	-27.49	+0.000				
1130	-20.86	-18.29	-16.05	-14.77	-13.55	-10.84	-16.67	-18.13	-22.25	-09.40	+67.13	-24.51	+0.000				
1145	-20.86	-18.29	-16.05	-14.76	-13.54	-10.09	-16.66	-18.13	-22.25	-09.13	+65.53	-40.81	+0.000				
1200	-20.86	-18.29	-16.05	-14.75	-13.53	-10.09	-16.66	-18.13	-22.25	-08.97	+65.03	-30.32	+0.000				
1215	-20.86	-18.29	-16.05	-14.74	-13.52	-10.19	-16.66	-18.12	-22.24	-08.99	+64.95	-51.19	+0.000				
1230	-20.86	-18.28	-16.05	-14.72	-13.52	-10.46	-16.65	-18.12	-22.24	-09.05	+64.34	-64.15	+0.000				
1245	-20.84	-18.27	-16.05	-14.71	-13.51	-10.84	-16.65	-18.11	-22.24	-09.31	+63.36	-76.54	+0.000				
1300	-20.85	-18.28	-16.05	-14.70	-13.50	-12.10	-16.65	-18.11	-22.24	-09.69	+62.64	-120.5	+0.000				
1315	-20.85	-18.28	-16.05	-14.69	-13.50	-13.07	-16.65	-18.11	-22.24	-09.80	+62.41	-116.9	+0.000				
1330	-20.85	-18.28	-16.06	-14.68	-13.49	-15.15	-16.64	-18.11	-22.23	-10.56	+61.52	-147.5	+0.000				
1345	-20.85	-18.28	-16.05	-14.67	-13.49	-15.24	-16.65	-18.11	-22.23	-10.44	+58.50	-56.69	+0.000				
1400	-20.85	-18.28	-16.06	-14.66	-13.49	-15.14	-16.64	-18.11	-22.23	-11.09	+57.47	-224.5	+0.000				
1415	-20.85	-18.27	-16.05	-14.64	-13.50	-16.64	-18.11	-22.23	-11.23	-09.81	+52.79	-179.7	+0.000				
1430	-20.85	-18.28	-16.06	-14.64	-13.52	-17.28	-16.64	-18.11	-22.23	-10.10	+59.67	-19.42	+0.000				
1445	-20.84	-18.27	-16.05	-14.62	-13.53	-14.23	-16.64	-18.11	-22.22	-10.86	+74.9	-34.56	+0.000				
1500	-20.85	-18.27	-16.05	-14.62	-13.57	-12.97	-16.65	-18.11	-22.23	-13.17	+78.5	-54.08	+0.000				

Time	1.75m			1.0m			.75m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil								
1515	-20.84	-18.27	-16.05	-14.61	-13.60	-11.95	-16.64	-18.11	-22.23	-12.39	+78.0	-19.88	+0.000				
1530	-20.85	-18.27	-16.05	-14.60	-13.64	-10.80	-16.65	-18.11	-22.23	-13.04	+80.5	-3.385	+1.000				
1545	-20.84	-18.27	-16.05	-14.59	-13.69	-10.16	-16.65	-18.11	-22.23	-15.85	+83.2	-30.67	+2.000				
1600	-20.84	-18.27	-16.05	-14.59	-13.73	-10.18	-16.64	-18.11	-22.22	-23.38	+86.9	-2.077	+1.000				
1615	-20.84	-18.27	-16.05	-14.58	-13.76	-09.39	-16.65	-18.11	-22.22	-30.92	+87.5	-6.757	+1.000				
1630	-20.84	-18.27	-16.05	-14.58	-13.79	-08.51	-16.64	-18.11	-22.22	-44.47	+88.4	-3.345	+3.000				
1645	-20.84	-18.27	-16.05	-14.57	-13.81	-07.82	-16.64	-18.11	-22.22	-50.82	+89.3	-1.000	+3.000				
1700	-20.84	-18.27	-16.04	-14.57	-13.82	-07.28	-16.63	-18.10	-22.22	-69.99	+99.9	-3.790	+4.000				
1715	-20.84	-18.27	-16.04	-14.56	-13.82	-6.886	-16.63	-18.10	-22.21	-69.99	+99.9	-6.178	+4.000				
1730	-20.83	-18.26	-16.04	-14.56	-13.81	-6.489	-16.63	-18.10	-22.21	-69.99	+99.9	-0.828	+1.000				
1745	-20.83	-18.26	-16.04	-14.56	-13.80	-6.214	-16.62	-18.10	-22.21	-69.99	+99.9	-0.995	+4.000				
1800	-20.83	-18.26	-16.04	-14.56	-13.78	-5.945	-16.62	-18.10	-22.21	-69.99	+99.9	-1.13	+5.000				
1815	-20.83	-18.26	-16.04	-14.56	-13.75	-5.808	-16.57	-18.09	-22.20	-69.99	+99.9	-6.111	+2.000				
1830	-20.83	-18.26	-16.04	-14.56	-13.71	-5.524	-16.53	-18.09	-22.20	-69.99	+99.9	-5.099	+2.000				
1845	-20.83	-18.26	-16.03	-14.56	-13.67	-5.150	-16.51	-18.08	-22.19	-69.99	+99.9	-4.209	+2.000				
1900	-20.82	-18.26	-16.03	-14.55	-13.62	-4.639	-16.50	-18.08	-22.19	-69.99	+99.9	-0.787	+0.000				
1915	-20.83	-18.26	-16.04	-14.56	-13.78	-5.945	-16.62	-18.10	-22.21	-69.99	+99.9	-1.13	+5.000				
1930	-20.83	-18.26	-16.03	-14.55	-13.49	-4.221	-16.48	-18.07	-22.18	-69.99	+99.9	-18.04	+0.000				
1945	-20.82	-18.26	-16.03	-14.55	-13.42	-4.245	-16.47	-18.06	-22.17	-69.99	+99.9	-17.28	+0.000				
2000	-20.82	-18.26	-16.03	-14.54	-13.34	-4.229	-16.46	-18.06	-22.17	-69.99	+99.9	-16.24	+0.000				
2015	-20.82	-18.26	-16.02	-14.54	-13.26	-3.987	-16.45	-18.05	-22.16	-69.99	+99.9	-17.58	+0.000				
2030	-20.82	-18.25	-16.02	-14.53	-13.17	-3.719	-16.44	-18.04	-22.15	-69.99	+99.9	-21.02	+0.000				
2045	-20.85	-18.25	-16.02	-14.53	-13.09	-3.490	-16.44	-18.04	-22.15	-69.99	+99.9	-16.64	+0.000				
2100	-20.82	-18.25	-16.02	-14.52	-13.00	-3.183	-16.43	-18.03	-22.14	-69.99	+99.9	-17.45	+0.000				
2115	-20.82	-18.25	-16.02	-14.50	-12.91	-2.775	-16.42	-18.02	-22.13	-69.99	+99.9	-14.86	+0.000				
2130	-20.82	-18.25	-16.02	-14.49	-12.82	-2.240	-16.41	-18.02	-22.13	-69.99	+99.9	-14.68	+0.000				
2145	-20.82	-18.25	-16.02	-14.48	-12.7												

Time	1.75m			1.0m			.5m			.25m			.125m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m					
0500	-20.78	-18.23	-15.95	-13.70	-10.31	-0.859	-16.04	-17.78	-21.86	-13.43	-0.82.1	-14.31	-0.000										
0515	-20.78	-18.22	-15.94	-13.66	-10.25	-0.744	-16.02	-17.76	-21.85	-13.05	-0.81.9	-14.05	-0.000										
0530	-20.78	-18.22	-15.94	-13.62	-10.19	-0.445	-16.01	-17.76	-21.84	-12.07	-0.82.6	-13.13	-0.000										
0545	-20.78	-18.22	-15.93	-13.59	-10.13	-0.329	-16.00	-17.75	-21.83	-12.18	-0.83.7	-13.01	-0.000										
0600	-20.78	-18.22	-15.93	-13.55	-10.08	-0.329	-15.99	-17.74	-21.82	-12.66	-0.84.5	-12.89	-0.000										
0615	-20.78	-18.22	-15.93	-13.52	-10.03	-0.148	-15.97	-17.73	-21.81	-13.11	-0.84.9	-14.68	-0.000										
0630	-20.77	-18.22	-15.92	-13.48	-0.998	-0.152	-15.96	-17.72	-21.80	-13.93	-0.84.4	-19.56	-0.000										
0645	-20.77	-18.22	-15.92	-13.45	-0.993	-0.437	-15.95	-17.72	-21.80	-14.51	-0.83.1	-19.71	-0.000										
0700	-20.77	-18.21	-15.91	-13.41	-0.988	-0.778	-15.94	-17.71	-21.79	-14.06	-0.82.9	-17.53	-0.000										
0715	-20.77	-18.22	-15.90	-13.38	-0.982	-0.946	-15.93	-17.70	-21.78	-13.40	-0.83.0	-19.37	-0.000										
0730	-20.77	-18.22	-15.90	-13.35	-0.977	-1.126	-15.92	-17.69	-21.77	-13.70	-0.82.4	-22.34	-0.000										
0745	-20.76	-18.22	-15.90	-13.31	-0.972	-1.090	-15.91	-17.68	-21.76	-13.13	-0.81.9	-20.65	-0.000										
0800	-20.76	-18.21	-15.89	-13.28	-0.966	-1.192	-15.90	-17.67	-21.75	-12.23	-0.83.7	-17.51	-0.000										
0815	-20.77	-18.21	-15.88	-13.24	-0.961	-1.144	-15.89	-17.67	-21.75	-15.02	-0.85.0	-15.78	-0.000										
0830	-20.77	-18.21	-15.88	-13.21	-0.955	-0.933	-15.89	-17.66	-21.74	-19.13	-0.83.7	-18.73	-0.000										
0845	-20.76	-18.21	-15.87	-13.18	-0.949	-0.886	-15.89	-17.65	-21.73	-16.33	-0.83.1	-22.59	-0.000										
0900	-20.76	-18.21	-15.87	-13.14	-0.943	-1.045	-15.89	-17.64	-21.72	-10.97	-0.83.0	-17.61	-0.000										
0915	-20.76	-18.21	-15.86	-13.11	-0.938	-1.190	-15.87	-17.63	-21.71	-07.84	-0.82.2	-12.31	-0.000										
0930	-20.76	-18.21	-15.85	-13.08	-0.932	-1.465	-15.83	-17.62	-21.71	-6.589	-0.81.7	-19.88	-0.000										
0945	-20.76	-18.21	-15.84	-13.04	-0.927	-1.820	-15.83	-17.62	-21.70	-6.130	-0.81.3	-31.65	-0.000										
1000	-20.76	-18.20	-15.84	-13.01	-0.922	-2.553	-15.85	-17.61	-21.69	-4.475	-0.79.3	-48.03	-0.000										
1015	-20.76	-18.21	-15.83	-12.97	-0.919	-4.018	-15.81	-17.60	-21.68	-4.122	-0.76.5	-69.60	-0.000										
1030	-20.75	-18.20	-15.82	-12.94	-0.915	-4.930	-15.83	-17.60	-21.68	-3.146	-0.70.5	-94.4	-0.000										
1045	-20.75	-18.21	-15.82	-12.91	-0.911	-4.799	-15.80	-17.59	-21.66	-4.351	-0.66.7	-99.9	-0.000										
1100	-20.75	-18.20	-15.81	-12.87	-0.907	-7.57	-15.80	-17.58	-21.66	-4.121	-0.63.11	-106.9	-0.000										
1115	-20.75	-18.20	-15.80	-12.84	-0.903	-10.873	-15.78	-17.58	-21.66	-4.505	-0.61.77	-118.9	-0.000										
1130	-20.75	-18.20	-15.79	-12.81	-0.900	-10.979	-15.80	-17.58	-21.66	-4.805	-0.61.77	-118.9	-0.000										
1145	-20.75	-18.20	-15.79	-12.77	-0.897	-11.90	-15.76	-17.57	-21.65	-4.984	-0.59.97	-111.0	-0.000										
1200	-20.75	-18.20	-15.77	-12.71	-0.891	-12.62	-15.79	-17.57	-21.64	-5.298	-0.57.54	-136.6	-0.000										
1215	-20.74	-18.20	-15.76	-12.68	-0.886	-13.87	-15.77	-17.57	-21.64	-5.163	-0.55.85	-144.7	-0.000										
1230	-20.74	-18.20	-15.75	-12.65	-0.881	-13.89	-15.76	-17.56	-21.64	-5.538	-0.53.16	-114.9	-0.000										
1245	-20.74	-18.19	-15.75	-12.62	-0.876	-14.87	-15.77	-17.57	-21.64	-6.060	-0.51.18	-128.0	-0.000										
1300	-20.74	-18.19	-15.74	-12.60	-0.871	-15.59	-15.80	-17.57	-21.64	-6.592	-0.47.73	-140.1	-0.000										
1315	-20.74	-18.19	-15.73	-12.57	-0.866	-16.91	-15.78	-17.57	-21.64	-6.757	-0.46.72	-131.0	-0.000										
1330	-20.73	-18.19	-15.72	-12.55	-0.861	-17.59	-15.78	-17.57	-21.64	-6.962	-0.46.19	-119.5	-0.000										
1345	-20.73	-18.19	-15.71	-12.53	-0.856	-18.02	-15.79	-17.57	-21.65	-6.962	-0.46.19	-119.5	-0.000										
1400	-20.73	-18.19	-15.70	-12.51	-0.851	-18.58	-15.81	-17.57	-21.65	-6.962	-0.46.19	-119.5	-0.000										
1415	-20.73	-18.19	-15.69	-12.49	-0.846	-19.17	-15.83	-17.58	-21.66	-6.302	-0.45.88	-145.9	-0.000										
1430	-20.73	-18.19	-15.69	-12.47	-0.841	-19.77	-15.84	-17.58	-21.66	-6.336	-0.45.89	-145.5	-0.000										
1445	-20.73	-18.18	-15.68	-12.45	-0.836	-20.37	-15.84	-17.58	-21.67	-6.641	-0.45.44	-146.9	-0.000										
1500	-20.73	-18.18	-15.67	-12.43	-0.831	-21.00	-15.85	-17.59	-21.67	-6.569	-0.45.09	-107.4	-0.000										
1515	-20.73	-18.18	-15.66	-12.41	-0.826	-21.64	-15.85	-17.60	-21.68	-6.559	-0.45.16	-116.0	-0.000										
1530	-20.73	-18.18	-15.65	-12.39	-0.821	-22.30	-15.86	-17.61	-21.69	-6.549	-0.45.14	-146.9	-0.000										
1545	-20.72	-18.18	-15.64	-12.37	-0.816	-22.97	-15.88	-17.61	-21.69	-6.524	-0.44.81	-105.4	-0.000										
1600	-20.72	-18.18	-15.63	-12.35	-0.811	-23.67	-15.89	-17.62	-21.70	-5.838	-0.44.95	-0.000	-0.000										
1615	-20.72	-18.18	-15.62	-12.33	-0.806	-24.38	-15.91	-17.62	-21.71	-5.743	-0.43.64	-0.000	-0.000										
1630	-20.72	-18.17	-15.61	-12.31	-0.801	-25.11	-15.93	-17.63	-21.71	-5.631	-0.43.01	-0.000	-0.000										
1645	-20.72	-18.17	-15.60	-12.29	-0.796	-25.86	-15.93	-17.63	-21.71	-5.514	-0.43.41	-51.45	-0.000										
1700	-20.72	-18.17	-15.59	-12.27	-0.791	-26.63	-15.95	-17.64	-21.72	-4.617	-0.44.20	-10.17	-0.000										
1715	-20.72	-18.17	-15.58	-12.25	-0.786	-27.42	-15.95	-17.64	-21.72	-4.525	-0.44.11	-14.97	-0.000										
1730	-20.72	-18.17	-15.57	-12.23	-0.781	-28.23	-15.97	-17.65	-21.73	-3.555	-0.45.49	-17.43	-0.000										
1745	-20.71	-18.17	-15.56	-12.21	-0.776	-29.06	-15.98	-17.65	-21.73	-3.469	-0.45.97	-14.43	-0.000										
1800	-20.72	-18.17	-15.55	-12.19	-0.771	-29.91	-15.98	-17.66	-21.73	-3.384	-0.46.49	-01.24	-0.000										
1815	-20.71	-18.17	-15.54	-12.17	-0.766	-30.78	-15.99	-17.66	-21.73	-3.300	-0.47.01	-17.43	-0.000										
1830	-20.71	-18.17	-15.53	-12.15	-0.761	-31.67	-15.99	-17.66	-21.73	-3.218	-0.47.53	-23.96	-0.000										
1845	-20.71	-18.17	-15.52	-12.13	-0.756	-32.58	-15.98	-17.66	-21.73	-3.138	-0.48.04	-22.53	-0.000										

Time	1.75m			1.0m			.5m			.25m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m				
1900	+20.71	+18.17	+15.51	+12.71	+12.46	+2.910	+15.98	+17.66	+21.73	+0.974	+53.07	+22.07	+0.000							
1915	+20.71	+18.17	+15.50	+12.75	+12.43	+2.218	+15.99	+17.65	+21.73	+0.648	+54.67	+23.57	+0.000							
1930	+20.70	+18.16	+15.48	+12.77	+12.41	+1.526	+15.99	+17.65	+21.73	+0.333	+58.79	+24.57	+0.000							
1945	+20.71	+18.16	+15.48	+12.80	+12.32	+0.988	+15.97	+17.65	+21.73	+0.113	+61.95	+23.04	+0.000							
2000	+20.71	+18.17	+15.47	+12.82	+12.25	+0.459	+15.96	+17.65	+21.72	+0.448	+63.16	+22.43	+0.000							
2015	+20.71	+18.16	+15.46	+12.85	+12.16	+0.028	+15.95	+17.64	+21.72	+0.091	+60.82	+20.47	+0.000							
2030	+20.70	+18.16	+15.45	+12.87	+12.06	-0.325	+15.94	+17.64	+21.71	+0.279	+59.84	+20.33	+0.000							
2045	+20.71	+18.16	+15.45	+12.89	+11.95	-0.678	+15.93	+17.64	+21.71	+0.186	+59.29	+19.46	+0.000							
2100	+20.71	+18.17	+15.44	+12.91	+11.84	-1.031	+15.92	+17.63	+21.70	+0.005	+59.97	+19.87	+0.000							
2115	+20.71	+18.16	+15.43	+12.93	+11.71	-1.384	+15.91	+17.63	+21.71	-0.011	+59.88	+19.30	+0.000							
2130	+20.70	+18.16	+15.43	+12.93	+11.59	-1.737	+15.90	+17.61	+21.69	+0.204	+60.38	+19.95	+0.000							
2145	+20.70	+18.16	+15.41	+12.94	+11.46	-2.090	+15.89	+17.61	+21.68	+0.453	+60.54	+20.40	+0.000							
2200	+20.70	+18.16	+15.40	+12.94	+11.33	-2.443	+15.87	+17.60	+21.67	+0.702	+60.70	+20.88	+0.000							
2215	+20.70	+18.16	+15.40	+12.94	+11.20	-2.796	+15.86	+17.59	+21.66	+0.954	+61.49	+20.68	+0.000							
2230	+20.70	+18.16	+15.40	+12.94	+11.07	-3.149	+15.84	+17.58	+21.65	+1.207	+62.28	+20.44	+0.000							
2245	+20.70	+18.16	+15.39	+12.95	+10.94	-3.502	+15.84	+17.58	+21.64	+1.460	+63.08	+20.60	+0.000							
2300	+20.70	+18.16	+15.38	+12.94	+10.81	-3.855	+15.81	+17.56	+21.63	+1.713	+63.38	+20.60	+0.000							
2315	+20.70	+18.16	+15.37	+12.93	+10.68	-4.208	+15.80	+17.55	+21.62	+1.966	+64.36	+19.91	+0.000							
2330	+20.69	+18.15	+15.36	+12.92	+10.55	-4.561	+15.78	+17.54	+21.62	+2.219	+64.69	+19.71	+0.000							
2345	+20.69	+18.15	+15.36	+12.91	+10.44	-4.914	+15.77	+17.53	+21.60	+2.472	+64.01	+18.32	+0.000							
0000	+20.69	+18.15	+15.36	+12.90	+10.32	-5.267	+15.75	+17.53	+21.60	+2.725	+62.07	+18.31	+0.000							
0015	+20.69	+18.15	+15.35	+12.88	+10.20	-5.620	+15.74	+17.52	+21.58	+0.966	+62.62	+17.51	+0.000							
0030	+20.69	+18.15	+15.34	+12.86	+10.09	-5.973	+15.73	+17.51	+21.57	-1.019	+62.00	+17.23	+0.000							
0045	+20.69	+18.15	+15.34	+12.84	+9.98	-6.326	+15.71	+17.50	+21.57	-0.880	+60.90	+16.57	+0.000							
0100	+20.69	+18.																		



Time	Soil					Surf. Soil	PVC			Air	Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m		1.0m	1.75m	1.75m				
D 0845	+20.65	+18.10	+15.16	+11.75	+07.39	-3.968	+15.27	+17.18	+21.22	+0.790	+071.9	+45.71	+0.000
D 0900	+20.65	+18.10	+15.15	+11.71	+07.32	-2.862	+15.22	+17.16	+21.21	+1.041	+068.35	+090.2	+0.000
D 0915	+20.65	+18.09	+15.15	+11.67	+07.25	-1.881	+15.21	+17.16	+21.20	+0.338	+068.01	+114.3	+0.000
D 0930	+20.65	+18.09	+15.14	+11.63	+07.19	-1.160	+15.24	+17.15	+21.19	+0.139	+068.14	+120.7	+0.000
D 0945	+20.65	+18.09	+15.13	+11.59	+07.13	-0.604	+15.22	+17.14	+21.18	+0.555	+065.86	+120.5	+0.000
D 1000	+20.64	+18.09	+15.12	+11.55	+07.07	+0.095	+15.20	+17.13	+21.18	+0.869	+063.87	+138.5	+0.000
D 1015	+20.64	+18.08	+15.12	+11.52	+07.01	+1.224	+15.19	+17.12	+21.18	+0.807	+063.87	+177.1	+0.000
D 1030	+20.64	+18.08	+15.11	+11.48	+6.960	+2.695	+15.16	+17.11	+21.15	+1.069	+062.07	+171.0	+0.000
D 1045	+20.64	+18.08	+15.10	+11.44	+6.914	+4.486	+15.17	+17.10	+21.15	+1.804	+061.10	+231.0	+0.000
D 1100	+20.64	+18.08	+15.09	+11.40	+6.872	+6.104	+15.18	+17.10	+21.15	+2.161	+059.43	+191.5	+0.000
D 1115	+20.64	+18.08	+15.08	+11.36	+6.839	+5.818	+15.16	+17.08	+21.13	+1.869	+059.48	+149.7	+0.000
D 1130	+20.63	+18.07	+15.07	+11.32	+6.803	+07.41	+15.12	+17.08	+21.13	+2.039	+058.40	+216.6	+0.000
D 1145	+20.64	+18.07	+15.06	+11.29	+6.776	+08.51	+15.12	+17.08	+21.12	+2.184	+058.28	+205.9	+0.000
D 1200	+20.63	+18.06	+15.05	+11.24	+6.756	+09.83	+15.15	+17.07	+21.11	+2.595	+057.08	+201.4	+0.000
D 1215	+20.63	+18.07	+15.04	+11.21	+6.759	+11.04	+15.16	+17.07	+21.11	+3.200	+055.72	+256.4	+0.000
D 1230	+20.63	+18.06	+15.03	+11.17	+6.759	+12.57	+15.16	+17.07	+21.11	+4.098	+053.92	+299.8	+0.000
D 1245	+20.63	+18.06	+15.02	+11.14	+6.798	+15.58	+15.17	+17.06	+21.10	+4.717	+051.31	+289.8	+0.000
D 1300	+20.63	+18.06	+15.01	+11.11	+6.856	+16.46	+15.19	+17.06	+21.11	+4.810	+050.27	+288.8	+0.000
D 1315	+20.62	+18.06	+15.00	+11.07	+6.953	+18.00	+15.16	+17.06	+21.11	+5.375	+049.09	+296.6	+0.000
D 1330	+20.62	+18.06	+14.99	+11.04	+7.088	+19.17	+15.20	+17.07	+21.11	+5.730	+048.04	+273.6	+0.000
D 1345	+20.62	+18.05	+14.98	+11.01	+7.233	+19.43	+15.18	+17.07	+21.11	+6.947	+045.37	+252.9	+0.000
D 1400	+20.62	+18.05	+14.97	+10.98	+7.42	+20.21	+15.19	+17.08	+21.12	+6.450	+046.69	+248.4	+0.000
D 1415	+20.62	+18.05	+14.95	+10.96	+7.633	+19.53	+15.21	+17.09	+21.13	+6.153	+046.39	+157.1	+0.000
D 1430	+20.62	+18.05	+14.95	+10.94	+7.86	+18.65	+15.23	+17.09	+21.14	+6.062	+046.36	+157.5	+0.000
D 1445	+20.61	+18.04	+14.93	+10.92	+8.11	+17.92	+15.25	+17.10	+21.14	+6.277	+046.17	+142.8	+0.000
D 1500	+20.62	+18.04	+14.92	+10.91	+8.36	+17.19	+15.25	+17.11	+21.14	+6.245	+045.88	+139.5	+0.000
D 1515	+20.61	+18.04	+14.91	+10.90	+8.62	+17.82	+15.28	+17.12	+21.15	+6.066	+044.72	+175.5	+0.000
D 1530	+20.61	+18.04	+14.90	+10.90	+8.88	+17.61	+15.29	+17.13	+21.17	+07.27	+043.98	+117.9	+0.000
D 1545	+20.61	+18.04	+14.89	+10.90	+9.12	+17.69	+15.31	+17.13	+21.18	+07.71	+043.77	+161.9	+0.000
D 1600	+20.61	+18.03	+14.87	+10.90	+9.36	+17.33	+15.33	+17.14	+21.19	+07.38	+043.85	+084.1	+0.000
D 1615	+20.61	+18.03	+14.86	+10.90	+9.60	+16.94	+15.34	+17.14	+21.19	+07.91	+044.91	+08.22	+0.000
D 1630	+20.61	+18.03	+14.85	+10.92	+9.80	+14.97	+15.36	+17.17	+21.21	+6.754	+044.46	+21.26	+0.000
D 1645	+20.61	+18.03	+14.84	+10.94	+10.01	+13.98	+15.38	+17.17	+21.22	+6.638	+044.54	+36.26	+0.000
D 1700	+20.60	+18.02	+14.83	+10.96	+10.20	+13.06	+15.39	+17.19	+21.23	+6.555	+044.67	+18.44	+0.000
D 1715	+20.61	+18.03	+14.81	+10.98	+10.37	+11.89	+15.40	+17.19	+21.24	+6.356	+044.93	+0.958	+0.000
D 1730	+20.61	+18.02	+14.80	+11.01	+10.54	+10.94	+15.42	+17.20	+21.25	+6.164	+045.30	+07.62	+0.000
D 1745	+20.61	+18.02	+14.79	+11.04	+10.67	+10.06	+15.43	+17.21	+21.25	+6.005	+046.24	+08.36	+0.000
D 1800	+20.60	+18.02	+14.78	+11.07	+10.79	+09.43	+15.44	+17.22	+21.26	+5.914	+046.67	+08.44	+0.000
D 1815	+20.60	+18.01	+14.76	+11.10	+10.88	+08.95	+15.45	+17.23	+21.27	+5.797	+046.92	+08.28	+0.000
D 1830	+20.60	+18.02	+14.75	+11.14	+10.96	+08.59	+15.47	+17.23	+21.28	+5.717	+046.86	+07.77	+0.000
D 1845	+20.60	+18.01	+14.74	+11.17	+11.02	+08.02	+15.46	+17.23	+21.28	+5.888	+046.71	+6.77	+0.000
D 1900	+20.60	+18.01	+14.73	+11.21	+11.07	+07.74	+15.46	+17.24	+21.28	+6.044	+045.66	+6.030	+0.000
D 1915	+20.60	+18.01	+14.72	+11.25	+11.09	+07.48	+15.47	+17.25	+21.29	+6.010	+045.63	+6.043	+0.000
D 1930	+20.59	+18.00	+14.71	+11.28	+11.11	+07.24	+15.47	+17.25	+21.29	+6.014	+045.60	+5.612	+0.000
D 1945	+20.59	+18.00	+14.69	+11.32	+11.13	+07.11	+15.47	+17.25	+21.29	+07.42	+042.83	+6.786	+0.000
D 2000	+20.59	+18.00	+14.68	+11.35	+11.10	+07.11	+15.47	+17.25	+21.29	+07.98	+042.10	+1.19	+0.000
D 2015	+20.59	+18.00	+14.67	+11.39	+11.09	+6.923	+15.47	+17.25	+21.29	+07.85	+040.34	+08.65	+0.000
D 2030	+20.59	+17.99	+14.66	+11.42	+11.07	+6.844	+15.46	+17.25	+21.30	+07.74	+040.31	+08.50	+0.000
D 2045	+20.59	+18.00	+14.65	+11.45	+11.05	+6.776	+15.46	+17.25	+21.29	+07.59	+042.36	+08.31	+0.000
D 2100	+20.59	+17.99	+14.64	+11.48	+11.02	+6.650	+15.46	+17.25	+21.30	+07.47	+042.12	+09.00	+0.000
D 2115	+20.59	+17.99	+14.63	+11.51	+10.99	+6.569	+15.46	+17.25	+21.29	+07.39	+042.10	+11.19	+0.000
D 2130	+20.59	+17.99	+14.62	+11.53	+10.95	+6.047	+15.45	+17.25	+21.29	+07.16	+044.74	+11.96	+0.000
D 2145	+20.58	+17.98	+14.61	+11.56	+10.91	+5.904	+15.45	+17.26	+21.29	+07.14	+044.69	+07.35	+0.000
D 2200	+20.59	+17.99	+14.61	+11.58	+10.88	+5.845	+15.45	+17.25	+21.29	+07.03	+044.51	+08.38	+0.000
D 2215	+20.58	+17.98	+14.60	+11.60	+10.84	+5.759	+15.44	+17.25	+21.29	+6.903	+044.93	+5.032	+0.000
D 2230	+20.58	+17.98	+14.59	+11.62	+10.80	+5.825	+15.44	+17.25	+21.29	+6.992	+045.53	+5.315	+0.000

Time	Soil					Surf. Soil	PVC			Air	Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m		1.0m	1.75m	1.75m				
D 2245	+20.58	+17.98	+14.58	+11.64	+10.76	+5.866	+15.44	+17.25	+21.29	+07.03	+045.75	+5.019	+0.000
D 2300	+20.58	+17.97	+14.57	+11.65	+10.72	+5.856	+15.43	+17.25	+21.29	+6.753	+045.87	+5.396	+0.000
D 2315	+20.58	+17.97	+14.57	+11.67	+10.68	+5.809	+15.42	+17.24	+21.28	+6.484	+046.86	+5.599	+0.000
D 2330	+20.58	+17.97	+14.56	+11.68	+10.64	+5.724	+15.43	+17.24	+21.28	+6.196	+047.50	+07.10	+0.000
D 2345	+20.58	+17.97	+14.56	+11.70	+10.61	+5.649	+15.43	+17.24	+21.28	+6.269	+048.38	+5.086	+0.000
D 0000	+20.58	+17.97	+14.55	+11.70	+10.56	+5.647	+15.42	+17.23	+21.28	+6.314	+049.03	+4.520	+0.000
* 87 J20													
D 0015	+20.57	+17.96	+14.54	+11.71	+10.53	+5.661	+15.41	+17.23	+21.27	+6.529	+050.17	+5.235	+0.000
D 0030	+20.58	+17.97	+14.53	+11.72	+10.49	+5.673	+15.40	+17.23	+21.26	+6.649	+050.78	+5.316	+0.000
D 0045	+20.58	+17.96	+14.53	+11.73	+10.45	+5.685	+15.40	+17.23	+21.26	+6.768	+051.61	+5.348	+0.000
D 0100	+20.57	+17.96	+14.52	+11.74	+10.42	+5.525	+15.40	+17.23	+21.26	+6.163	+053.43	+10.17	+0.000
D 0115	+20.57	+17.95	+14.51	+11.74	+10.39	+5.346	+15.39	+17.22	+21.26	+6.142	+055.80	+5.802	+0.000
D 0130	+20.57	+17.95	+14.51	+11.74	+10.36	+5.414	+15.39	+17.22	+21.25	+6.382	+056.17	+4.979	+0.000
D 0145	+20.57	+17.95	+14.51	+11.75	+10.33	+5.437	+15.38	+17.22	+21.25	+6.393	+058.06	+6.058	+0.000
D 0200	+20.57	+17.95	+14.50	+11.75	+10.33	+5.305	+15.38	+17.21	+21.25	+6.475	+060.71	+10.63	+0.000
D 0215	+20.57	+17.95	+14.50	+11.75	+10.27	+5.227	+15.38	+17.21	+21.25	+5.904	+061.49	+9.07	+0.000
D 0230	+20.56	+17.94	+14.49	+11.75	+10.24	+4.271	+15.37	+17.21	+21.24	+5.145	+063.57	+18.88	+0.000
D 0245	+20.56	+17.94	+14.49	+11.74	+10.21	+3.952	+15.36	+17.20	+21.23	+5.129	+065.77	+09.44	+0.000
D 0300	+20.56	+17.94	+14.48	+11.75	+10.19	+4.148	+15.36	+17.20	+21.24	+5.506	+066.38	+07.92	+0.000
D 0315	+20.56	+17.93	+14.47	+11.75	+10.16	+4.309	+15.35	+17.20	+21.23	+5.717	+066.64	+6.355	+0.000
D 0345	+20.56	+17.93	+14.47	+11.74	+10.13	+4.088	+15.35	+17.19	+21.23	+5.798	+066.54	+6.948	+0.000
D 0345	+20.56	+17.93	+14.47	+11.74	+10.09	+4.326	+15.34	+17.19	+21.22	+5.769	+067.06	+11.23	+0.000
D 0400	+20.56	+17.93	+14.47	+11.74	+10.06	+4.066	+15.34	+17.19	+21.22	+5.756	+067.55	+12.66	+0.000
D 0415	+20.56	+17.93	+14.47	+11.74	+10.03	+3.886	+15.33	+17.18	+21.21	+5.156	+068.73	+11.64	+0.000
D 0430	+20.55	+17.92	+14.46	+11.73	+09.99	+3.501	+15.32	+17.17	+21.21	+5.058	+069.62	+19.16	+0.000
D 0445	+20.55	+17.92	+14.46	+11.73	+09.96	+2.905	+15.32	+17.18	+21.21	+4.821	+070.0	+21.9	+0.000
D 0500	+20.56	+17.92	+14.45	+11.72									

Time	1.0m 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	Air			
D 1230	-20.52	-17.83	-14.35	-11.37	-9.28	-15.03	-15.17	-17.05	-21.07	+08.68	+65.69	-122.7	+0.000
D 1245	-20.52	-17.83	-14.35	-11.36	-9.41	-15.24	-15.17	-17.05	-21.08	+08.90	+64.98	-173.0	+0.000
D 1300	-20.54	-17.83	-14.34	-11.34	-9.54	-15.17	-15.18	-17.05	-21.08	+09.90	+63.23	-239.3	+0.000
D 1315	-20.51	-17.82	-14.34	-11.33	-9.68	-15.17	-15.18	-17.06	-21.09	+10.34	+61.06	-200.1	+0.000
D 1330	-20.51	-17.82	-14.33	-11.33	-9.82	-15.20	-15.20	-17.06	-21.09	+10.46	+60.63	-213.9	+0.000
D 1345	-20.51	-17.82	-14.33	-11.32	-9.97	-15.21	-15.21	-17.07	-21.10	+11.67	+57.91	-231.3	+0.000
D 1400	-20.51	-17.81	-14.33	-11.32	-10.12	-15.22	-15.22	-17.07	-21.10	+12.16	+53.93	-141.1	+0.000
D 1415	-20.51	-17.81	-14.33	-11.31	-10.28	-15.24	-15.24	-17.08	-21.11	+11.44	+54.27	-110.2	+0.000
D 1430	-20.51	-17.81	-14.32	-11.31	-10.44	-15.23	-15.25	-17.09	-21.11	+11.56	+54.58	-110.7	+0.000
D 1445	-20.51	-17.80	-14.31	-11.34	-10.62	-15.26	-15.26	-17.09	-21.12	+12.08	+50.01	-163.2	+0.000
D 1500	-20.50	-17.80	-14.31	-11.34	-10.79	-15.28	-15.28	-17.10	-21.13	+12.99	+45.58	-137.9	+0.000
D 1515	-20.50	-17.80	-14.31	-11.36	-10.96	-15.31	-15.29	-17.11	-21.14	+13.29	+44.49	-148.9	+0.000
D 1530	-20.50	-17.80	-14.30	-11.37	-11.14	-15.30	-15.30	-17.11	-21.17	+12.92	+44.84	-123.3	+0.000
D 1545	-20.50	-17.79	-14.30	-11.37	-11.31	-15.31	-15.31	-17.12	-21.18	+12.73	+44.62	-077.1	+0.000
D 1600	-20.50	-17.79	-14.29	-11.41	-11.47	-15.33	-15.33	-17.16	-21.18	+12.74	+44.82	-073.1	+0.000
D 1615	-20.50	-17.79	-14.29	-11.43	-11.62	-15.35	-15.35	-17.17	-21.19	+12.71	+45.14	-53.47	+0.000
D 1630	-20.50	-17.79	-14.28	-11.46	-11.77	-15.36	-15.36	-17.18	-21.20	+12.31	+45.97	-31.75	+0.000
D 1645	-20.50	-17.79	-14.28	-11.49	-11.92	-15.38	-15.38	-17.19	-21.21	+11.84	+46.61	-20.98	+0.000
D 1700	-20.50	-17.78	-14.27	-11.52	-12.04	-15.42	-15.42	-17.20	-21.22	+11.50	+47.34	-16.80	+0.000
D 1715	-20.50	-17.78	-14.27	-11.55	-12.16	-15.45	-15.45	-17.20	-21.23	+11.50	+47.34	-16.80	+0.000
D 1730	-20.49	-17.77	-14.26	-11.58	-12.26	-15.44	-15.44	-17.22	-21.24	+10.56	+49.12	-11.84	+0.000
D 1745	-20.49	-17.77	-14.26	-11.61	-12.35	-15.42	-15.42	-17.22	-21.24	+10.36	+49.70	-17.15	+0.000
D 1800	-20.49	-17.77	-14.25	-11.65	-12.43	-15.44	-15.44	-17.23	-21.25	+10.08	+50.27	-16.93	+0.000
D 1815	-20.49	-17.77	-14.25	-11.68	-12.49	-15.43	-15.45	-17.23	-21.25	+9.82	+51.02	-14.36	+0.000
D 1830	-20.49	-17.76	-14.25	-11.72	-12.53	-15.44	-15.44	-17.24	-21.25	+9.53	+52.33	-14.33	+0.000
D 1845	-20.48	-17.76	-14.24	-11.76	-12.56	-15.46	-15.46	-17.24	-21.26	+9.38	+52.87	-14.17	+0.000
D 1900	-20.48	-17.76	-14.24	-11.80	-12.58	-15.45	-15.45	-17.24	-21.26	+9.20	+54.03	-11.53	+0.000
D 1915	-20.48	-17.75	-14.23	-11.84	-12.59	-15.47	-15.47	-17.25	-21.27	+9.00	+55.57	-11.19	+0.000
D 1930	-20.48	-17.75	-14.23	-11.87	-12.58	-15.46	-15.46	-17.24	-21.26	+8.84	+57.08	-11.54	+0.000
D 1945	-20.48	-17.75	-14.22	-11.91	-12.57	-15.47	-15.47	-17.25	-21.27	+8.65	+58.71	-10.39	+0.000
D 2000	-20.48	-17.74	-14.22	-11.94	-12.55	-15.46	-15.46	-17.25	-21.27	+8.56	+59.99	-9.35	+0.000
D 2015	-20.48	-17.74	-14.22	-11.97	-12.52	-15.46	-15.46	-17.25	-21.27	+8.48	+60.89	-9.66	+0.000
D 2030	-20.48	-17.74	-14.21	-12.00	-12.50	-15.45	-15.45	-17.25	-21.27	+8.30	+61.78	-9.98	+0.000
D 2045	-20.48	-17.74	-14.21	-12.04	-12.46	-15.45	-15.45	-17.25	-21.27	+8.11	+62.61	-14.77	+0.000
D 2100	-20.49	-17.74	-14.21	-12.07	-12.43	-15.45	-15.45	-17.25	-21.27	+7.93	+63.46	-18.71	+0.000
D 2115	-20.48	-17.73	-14.21	-12.09	-12.38	-15.46	-15.46	-17.25	-21.27	+7.76	+64.95	-18.71	+0.000
D 2130	-20.48	-17.73	-14.20	-12.12	-12.34	-15.45	-15.45	-17.25	-21.27	+7.65	+65.55	-16.99	+0.000
D 2145	-20.47	-17.73	-14.20	-12.14	-12.30	-15.45	-15.45	-17.25	-21.26	+7.59	+66.14	-16.04	+0.000
D 2160	-20.47	-17.73	-14.20	-12.17	-12.25	-15.45	-15.45	-17.25	-21.26	+7.60	+66.72	-13.12	+0.000
D 2175	-20.48	-17.72	-14.20	-12.19	-12.25	-15.45	-15.45	-17.25	-21.26	+7.60	+66.72	-13.12	+0.000
D 2190	-20.47	-17.72	-14.20	-12.20	-12.25	-15.45	-15.45	-17.24	-21.26	+7.50	+67.30	-10.16	+0.000
D 2205	-20.47	-17.72	-14.20	-12.22	-12.10	-15.43	-15.43	-17.24	-21.26	+7.45	+67.75	-11.51	+0.000
D 2220	-20.47	-17.72	-14.20	-12.22	-12.10	-15.43	-15.43	-17.24	-21.26	+7.69	+67.63	-15.46	+0.000
D 2230	-20.47	-17.72	-14.20	-12.24	-12.05	-15.42	-15.42	-17.24	-21.25	+7.57	+68.21	-16.47	+0.000
D 2245	-20.47	-17.71	-14.20	-12.23	-12.05	-15.41	-15.41	-17.24	-21.25	+7.61	+68.53	-13.80	+0.000
D 2260	-20.46	-17.70	-14.19	-12.26	-11.93	-15.41	-15.41	-17.23	-21.25	+7.71	+68.63	-11.89	+0.000
D 2275	-20.47	-17.71	-14.20	-12.28	-11.88	-15.42	-15.42	-17.23	-21.24	+7.77	+68.74	-13.00	+0.000
D 2290	-20.46	-17.70	-14.19	-12.28	-11.82	-15.40	-15.40	-17.23	-21.24	+7.78	+68.90	-14.02	+0.000
D 0015	-20.47	-17.70	-14.20	-12.29	-11.77	-15.39	-15.39	-17.22	-21.23	+7.95	+68.06	-14.74	+0.000
D 0030	-20.46	-17.70	-14.19	-12.30	-11.71	-15.38	-15.38	-17.22	-21.23	+8.16	+65.77	-13.21	+0.000
D 0045	-20.46	-17.69	-14.19	-12.31	-11.66	-15.38	-15.38	-17.22	-21.23	+8.18	+64.67	-14.47	+0.000
D 0100	-20.45	-17.69	-14.19	-12.31	-11.60	-15.37	-15.37	-17.21	-21.22	+8.24	+64.04	-16.92	+0.000
D 0115	-20.46	-17.69	-14.19	-12.31	-11.55	-15.37	-15.37	-17.21	-21.22	+8.13	+64.10	-14.95	+0.000
D 0130	-20.46	-17.69	-14.20	-12.31	-11.50	-15.36	-15.36	-17.21	-21.22	+8.05	+64.46	-11.72	+0.000
D 0145	-20.46	-17.68	-14.20	-12.32	-11.45	-15.36	-15.36	-17.20	-21.21	+7.94	+64.84	-11.68	+0.000
D 0200	-20.46	-17.68	-14.20	-12.32	-11.40	-15.35	-15.35	-17.19	-21.21	+7.83	+65.15	-10.66	+0.000

Time	1.0m 1.75m 1.75m										Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	Air			
D 0215	-20.46	-17.68	-14.20	-12.32	-11.35	-15.34	-15.34	-17.19	-21.20	+07.71	+66.10	-09.54	+0.000
D 0230	-20.45	-17.67	-14.20	-12.31	-11.30	-15.34	-15.34	-17.19	-21.20	+07.82	+66.05	-08.90	+0.000
D 0245	-20.45	-17.67	-14.20	-12.31	-11.26	-15.33	-15.33	-17.18	-21.19	+07.78	+66.58	-08.81	+0.000
D 0300	-20.45	-17.67	-14.20	-12.31	-11.21	-15.34	-15.34	-17.19	-21.19	+07.98	+66.71	-07.74	+0.000
D 0315	-20.45	-17.66	-14.21	-12.31	-11.17	-15.32	-15.32	-17.17	-21.18	+08.11	+66.88	-07.86	+0.000
D 0330	-20.45	-17.66	-14.20	-12.30	-11.13	-15.32	-15.32	-17.17	-21.18	+07.92	+67.01	-09.08	+0.000
D 0345	-20.45	-17.66	-14.21	-12.29	-11.09	-15.31	-15.31	-17.17	-21.17	+07.85	+66.93	-08.11	+0.000
D 0400	-20.45	-17.65	-14.21	-12.29	-11.05	-15.30	-15.30	-17.16	-21.17	+07.83	+67.25	-07.50	+0.000
D 0415	-20.45	-17.65	-14.21	-12.29	-11.01	-15.30	-15.30	-17.16	-21.17	+07.80	+67.57	-07.22	+0.000
D 0430	-20.45	-17.65	-14.21	-12.28	-10.98	-15.29	-15.29	-17.15	-21.16	+07.94	+68.40	-08.62	+0.000
D 0445	-20.44	-17.65	-14.21	-12.27	-10.95	-15.29	-15.29	-17.15	-21.16	+08.10	+69.05	-10.27	+0.000
D 0500	-20.44	-17.64	-14.21	-12.26	-10.92	-15.28	-15.28	-17.15	-21.16	+08.62	+70.12	-11.06	+0.000
D 0515	-20.44	-17.64	-14.22	-12.25	-10.89	-15.28	-15.28	-17.15	-21.16	+08.62	+70.12	-11.06	+0.000
D 0530	-20.44	-17.64	-14.22	-12.25	-10.86	-15.27	-15.27	-17.14	-21.14	+08.57	+70.9	-08.88	+0.000
D 0545	-20.44	-17.64	-14.22	-12.24	-10.84	-15.26	-15.26	-17.13	-21.14	+08.57	+70.4	-10.12	+0.000
D 0600	-20.44	-17.63	-14.22	-12.23	-10.81	-15.26	-15.26	-17.13	-21.14	+08.91	+70.73	-10.32	+0.000
D 0615	-20.44	-17.63	-14.22	-12.22	-10.78	-15.26	-15.26	-17.12	-21.13	+10.90	+80.0	-08.85	+0.000
D 0630	-20.44	-17.63	-14.22	-12.22	-10.75	-15.25	-15.25	-17.12	-21.13	+10.92	+80.24	-1.000	+0.000
D 0645	-20.43	-17.62	-14.22	-12.20	-10.72	-15.25	-15.25	-17.12	-21.13	+10.92	+80.24	-1.000	+0.000
D 0700	-20.44	-17.62	-14.22	-12.19	-10.70	-15.24	-15.24	-17.11	-21.12	+10.90	+80.6	-08.97	+0.000
D 0715	-20.43	-17.62	-14.22	-12.18	-10.67	-15.23	-15.23	-17.11	-21.11	+10.84	+80.6	-08.96	+0.000
D 0730	-20.43	-17.62	-14.22	-12.18	-10.65	-15.23	-15.23	-17.10	-21.11	+10.84	+80.6	-08.96	+0.000
D 0745	-20.43	-17.61	-14.22	-12.16	-10.62	-15.22	-15.22	-17.10	-21.11	+10.84	+80.6	-08.96	+0.000
D 0800	-20.43	-17.61	-14.22	-12.16	-10.59	-15.22	-15.22	-17.10	-21.11	+10.84	+80.6	-08.96	+0.000
D 0815	-20.43	-17.61	-14.23	-12.15	-10.56	-15.22	-15.22	-17.10	-21.11	+10.84	+80.6	-08.96	+0.000
D 0830	-20.43	-17.60	-14.23	-12.13	-10.53	-15.21	-15.21	-17.09	-21.10	+10.84	+80.6	-08.96	+0.000
D 0845	-20.43	-17.61	-14.23	-12.13	-10.51	-15.21							

Time	1.75m			1.0m			1.75m			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
D 1615	-20.39	-17.52	-14.21	-11.91	-10.98	-08.88	-15.17	-17.04	-21.04	-30.80	-085.4	-5.044	+0.000			
D 1630	-20.39	-17.52	-14.21	-11.91	-11.01	-08.50	-15.17	-17.04	-21.05	-31.01	-086.1	-2.009	+0.000			
D 1645	-20.39	-17.51	-14.20	-11.91	-11.06	-07.91	-15.18	-17.04	-21.04	-31.94	-086.3	-0.526	+0.000			
D 1700	-20.39	-17.51	-14.20	-11.92	-11.06	-07.91	-15.18	-17.04	-21.04	-35.70	-086.7	-2.092	+0.000			
D 1715	-20.39	-17.51	-14.20	-11.92	-11.08	-07.68	-15.18	-17.04	-21.04	-41.93	-087.1	-2.536	+0.000			
D 1730	-20.38	-17.50	-14.20	-11.93	-11.09	-07.57	-15.18	-17.04	-21.04	-45.32	-087.9	-4.640	+0.000			
D 1745	-20.38	-17.50	-14.20	-11.93	-11.10	-07.45	-15.18	-17.04	-21.04	-48.76	-087.8	-6.204	+0.000			
D 1800	-20.38	-17.50	-14.19	-11.94	-11.10	-07.28	-15.17	-17.04	-21.04	-52.84	-086.7	-0.735	+0.000			
D 1815	-20.38	-17.50	-14.19	-11.94	-11.10	-07.13	-15.17	-17.04	-21.04	-58.59	-084.3	-0.703	+0.000			
D 1830	-20.38	-17.50	-14.19	-11.94	-11.10	-07.07	-15.17	-17.04	-21.04	-60.93	-083.1	-0.721	+0.000			
D 1845	-20.38	-17.50	-14.19	-11.95	-11.08	-07.05	-15.17	-17.04	-21.04	-63.08	-082.3	-0.763	+0.000			
D 1900	-20.37	-17.49	-14.18	-11.95	-11.07	-07.00	-15.17	-17.03	-21.03	-62.83	-080.2	-6.906	+0.000			
D 1915	-20.38	-17.49	-14.18	-11.96	-11.05	-6.964	-15.17	-17.03	-21.03	-60.93	-080.6	-6.757	+0.000			
D 1930	-20.37	-17.49	-14.18	-11.97	-11.01	-6.912	-15.16	-17.03	-21.03	-53.26	-080.6	-6.312	+0.000			
D 1945	-20.37	-17.48	-14.18	-11.97	-11.01	-6.819	-15.16	-17.03	-21.03	-53.26	-080.6	-6.124	+0.000			
D 2000	-20.38	-17.48	-14.18	-11.97	-10.99	-6.735	-15.16	-17.03	-21.03	-40.67	-082.3	-5.368	+0.000			
D 2015	-20.37	-17.48	-14.17	-11.98	-10.97	-6.650	-15.15	-17.03	-21.02	-35.67	-083.6	-5.665	+0.000			
D 2030	-20.38	-17.48	-14.17	-11.98	-10.97	-6.556	-15.15	-17.03	-21.02	-33.30	-084.5	-6.366	+0.000			
D 2045	-20.37	-17.47	-14.17	-11.98	-10.92	-6.436	-15.15	-17.03	-21.02	-32.88	-086.8	-4.859	+0.000			
D 2100	-20.37	-17.47	-14.17	-11.98	-10.90	-6.234	-15.14	-17.02	-21.02	-32.88	-086.8	-0.739	+0.000			
D 2115	-20.37	-17.47	-14.17	-11.98	-10.88	-6.086	-15.14	-17.01	-21.01	-36.55	-088.3	-0.935	+0.000			
D 2130	-20.37	-17.47	-14.17	-11.99	-10.85	-5.951	-15.13	-17.01	-21.01	-40.76	-088.1	-0.743	+0.000			
D 2145	-20.36	-17.46	-14.16	-11.98	-10.82	-5.709	-15.13	-17.01	-21.01	-48.03	-086.6	-6.164	+0.000			
D 2200	-20.37	-17.46	-14.16	-11.98	-10.82	-5.747	-15.13	-17.01	-21.02	-34.26	-084.2	-4.856	+0.000			
D 2215	-20.37	-17.46	-14.16	-11.98	-10.77	-5.788	-15.12	-17.00	-21.00	-61.08	-081.1	-4.195	+0.000			
D 2230	-20.36	-17.46	-14.15	-11.98	-10.74	-5.835	-15.12	-17.00	-21.00	-63.21	-080.3	-4.182	+0.000			
D 2245	-20.36	-17.46	-14.15	-11.98	-10.71	-5.841	-15.12	-17.00	-21.00	-65.05	-079.6	-3.993	+0.000			
D 2300	-20.36	-17.45	-14.15	-11.98	-10.68	-5.836	-15.11	-16.99	-20.99	-58.29	-080.6	-4.047	+0.000			
D 2315	-20.36	-17.45	-14.15	-11.97	-10.65	-5.793	-15.11	-16.99	-20.99	-47.84	-082.8	-3.656	+0.000			
D 2330	-20.36	-17.45	-14.15	-11.97	-10.62	-5.749	-15.11	-16.99	-20.99	-47.84	-082.8	-3.656	+0.000			
D 2345	-20.36	-17.45	-14.15	-11.97	-10.59	-5.713	-15.10	-16.98	-20.98	-47.84	-082.8	-3.656	+0.000			
D 0000	-20.36	-17.44	-14.15	-11.96	-10.56	-5.662	-15.09	-16.98	-20.98	-37.04	-085.8	-3.480	+0.000			
D 0015	-20.35	-17.44	-14.15	-11.96	-10.53	-5.565	-15.09	-16.98	-20.97	-19.78	-085.4	-3.062	+0.000			
D 0030	-20.35	-17.44	-14.14	-11.95	-10.50	-5.470	-15.08	-16.97	-20.97	-18.49	-085.3	-3.234	+0.000			
D 0045	-20.35	-17.44	-14.14	-11.94	-10.47	-5.420	-15.08	-16.97	-20.97	-18.29	-085.0	-3.548	+0.000			
D 0100	-20.35	-17.43	-14.14	-11.94	-10.44	-5.354	-15.08	-16.97	-20.96	-16.20	-084.8	-3.912	+0.000			
D 0115	-20.35	-17.43	-14.14	-11.93	-10.41	-5.271	-15.07	-16.96	-20.95	-14.03	-084.4	-5.275	+0.000			
D 0130	-20.35	-17.43	-14.13	-11.93	-10.39	-5.100	-15.07	-16.96	-20.95	-13.40	-084.4	-6.342	+0.000			
D 0145	-20.35	-17.43	-14.13	-11.92	-10.36	-4.850	-15.06	-16.95	-20.95	-13.05	-084.3	-7.311	+0.000			
D 0160	-20.35	-17.43	-14.13	-11.91	-10.33	-4.623	-15.06	-16.95	-20.95	-13.40	-084.5	-8.979	+0.000			
D 0215	-20.34	-17.42	-14.13	-11.90	-10.31	-4.354	-15.05	-16.95	-20.94	-14.64	-084.9	-11.02	+0.000			
D 0230	-20.34	-17.42	-14.13	-11.90	-10.28	-4.306	-15.05	-16.95	-20.94	-16.08	-085.0	-14.35	+0.000			
D 0245	-20.34	-17.42	-14.13	-11.89	-10.25	-4.237	-15.04	-16.94	-20.93	-16.08	-084.8	-15.35	+0.000			
D 0300	-20.34	-17.42	-14.13	-11.88	-10.22	-4.081	-15.03	-16.93	-20.93	-16.07	-084.8	-17.35	+0.000			
D 0315	-20.34	-17.41	-14.13	-11.87	-10.18	-3.969	-15.02	-16.93	-20.92	-15.92	-084.7	-19.35	+0.000			
D 0330	-20.34	-17.41	-14.12	-11.86	-10.15	-3.862	-15.01	-16.92	-20.91	-15.04	-084.7	-21.494	+0.000			
D 0345	-20.34	-17.41	-14.12	-11.85	-10.11	-3.716	-15.01	-16.92	-20.91	-15.16	-084.7	-23.739	+0.000			
D 0400	-20.34	-17.41	-14.12	-11.84	-10.07	-3.427	-15.01	-16.91	-20.91	-15.16	-084.7	-27.066	+0.000			
D 0415	-20.34	-17.40	-14.12	-11.83	-10.02	-3.604	-15.00	-16.90	-20.90	-15.38	-084.8	-29.955	+0.000			
D 0430	-20.33	-17.40	-14.12	-11.82	-09.98	-3.759	-14.99	-16.90	-20.89	-16.20	-085.0	-32.955	+0.000			
D 0445	-20.33	-17.40	-14.12	-11.82	-09.93	-3.879	-14.98	-16.89	-20.88	-17.19	-085.2	-36.103	+0.000			
D 0500	-20.33	-17.40	-14.11	-11.80	-09.88	-3.953	-14.98	-16.89	-20.88	-17.19	-084.9	-39.130	+0.000			
D 0515	-20.33	-17.39	-14.11	-11.78	-09.79	-4.100	-14.97	-16.89	-20.88	-16.67	-084.7	-42.972	+0.000			
D 0530	-20.33	-17.39	-14.11	-11.77	-09.75	-4.149	-14.96	-16.88	-20.87	-15.88	-084.7	-47.671	+0.000			

Time	1.75m			1.0m			1.75m			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
D 0600	-20.33	-17.39	-14.11	-11.75	-09.71	-4.163	-14.95	-16.87	-20.86	-15.74	-085.1	-2.779	+0.000			
D 0615	-20.32	-17.39	-14.10	-11.74	-09.68	-4.161	-14.95	-16.87	-20.86	-15.90	-085.1	-3.062	+0.000			
D 0630	-20.32	-17.38	-14.10	-11.73	-09.65	-4.155	-14.94	-16.86	-20.86	-16.15	-085.1	-3.089	+0.000			
D 0645	-20.32	-17.38	-14.10	-11.71	-09.62	-4.138	-14.93	-16.86	-20.85	-16.47	-085.0	-3.049	+0.000			
D 0700	-20.32	-17.38	-14.09	-11.70	-09.59	-4.139	-14.93	-16.85	-20.84	-16.93	-085.1	-3.305	+0.000			
D 0715	-20.32	-17.38	-14.10	-11.68	-09.57	-4.123	-14.92	-16.85	-20.84	-17.30	-085.1	-3.683	+0.000			
D 0730	-20.32	-17.38	-14.09	-11.66	-09.54	-4.092	-14.92	-16.85	-20.83	-18.00	-085.1	-4.168	+0.000			
D 0745	-20.32	-17.38	-14.09	-11.65	-09.52	-4.044	-14.91	-16.84	-20.83	-18.88	-085.2	-4.751	+0.000			
D 0800	-20.32	-17.37	-14.09	-11.64	-09.50	-4.054	-14.90	-16.84	-20.83	-19.89	-085.1	-5.253	+0.000			
D 0815	-20.32	-17.37	-14.09	-11.62	-09.48	-4.128	-14.90	-16.83	-20.82	-20.80	-085.2	-5.991	+0.000			
D 0830	-20.31	-17.37	-14.09	-11.61	-09.46	-4.277	-14.90	-16.83	-20.82	-22.10	-085.3	-6.668	+0.000			
D 0845	-20.32	-17.37	-14.08	-11.60	-09.44	-4.418	-14.89	-16.80	-20.80	-22.36	-085.2	-7.113	+0.000			
D 0900	-20.31	-17.36	-14.08	-11.58	-09.42	-4.506	-14.89	-16.79	-20.79	-22.26	-085.4	-7.569	+0.000			
D 0915	-20.31	-17.36	-14.08	-11.57	-09.40	-4.618	-14.88	-16.79	-20.79	-22.97	-085.3	-8.076	+0.000			
D 0930	-20.31	-17.36	-14.08	-11.56	-09.38	-4.707	-14.88	-16.79	-20.78	-23.78	-085.0	-8.646	+0.000			
D 0945	-20.31	-17.35	-14.07	-11.54	-09.37	-4.818	-14.87	-16.78	-20.78	-24.63	-085.2	-9.284	+0.000			
D 1000	-20.30	-17.35	-14.07	-11.52	-09.35	-4.911	-14.86	-16.78	-20.77	-25.52	-085.2	-9.983	+0.000			
D 1015	-20.31	-17.35	-14.07	-11.51	-09.34	-5.009	-14.86	-16.78	-20.77	-26.46	-085.3	-10.743	+0.000			
D 1030	-20.30	-17.35	-14.06	-11.49	-09.34	-5.111	-14.86	-16.77	-20.77	-27.44	-085.2	-11.565	+0.000			
D 1045	-20.30	-17.35	-14.06	-11.48	-09.34	-5.217	-14.86	-16.77	-20.77	-28.46	-085.0	-12.449	+0.000			
D 1100	-20.30	-17.34	-14.06	-11.47	-09.35	-5.327	-14.86	-16.77	-20.76	-29.52	-084.5	-13.394	+0.000			
D 1115	-20.30	-17.34	-14.05	-11.45	-09.36	-5.440	-14.85	-16.77	-20.76	-30.63	-084.1	-14.404	+0.000			
D 1130	-20.30	-17.34	-14.05	-11.44	-09.38	-5.556	-14.85	-16.77	-20.76	-31.78	-083.1	-15.479	+0.000			
D 1145	-20.30	-17.34	-14.05	-11.43	-09.38	-5.674	-14.85	-16.76	-20.75	-32.97	-082.1	-16.620	+0.000			
D 1200	-20.30	-17.33	-14.05	-11.42	-09.45	-5.794	-14.85	-16.76	-20.75	-34.20	-081.1	-17.827	+0.000			
D 1215	-20.30	-17.33	-14.04	-11.41	-09.49	-5.916	-14.86	-16.77	-20.76	-35.46	-080.5	-19.091	+0.000			
D 1230	-20.29	-17.33	-14.04	-11.40	-09.54	-6.040	-14.86	-16.76	-20.75	-36.75	-079.4	-20.414	+0.000			
D 1245	-20.29	-17.33	-14.03	-11.39	-											



Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
2000	-20.25	-17.26	-13.91	-11.82	-12.62	6.272	15.13	16.94	20.93	11.28	-082.2	-13.74	+0.000
2015	-20.26	-17.26	-13.91	-11.86	-12.58	5.786	15.14	16.94	20.92	09.92	-083.1	-13.61	+0.000
2030	-20.25	-17.26	-13.91	-11.89	-12.52	5.399	15.13	16.94	20.93	11.95	-084.3	-11.09	+0.000
2045	-20.25	-17.25	-13.90	-11.92	-12.45	5.166	15.13	16.94	20.92	16.08	-084.3	-10.12	+0.000
2100	-20.25	-17.25	-13.90	-11.96	-12.38	4.928	15.12	16.93	20.92	19.91	-084.3	-09.98	+0.000
2115	-20.25	-17.26	-13.90	-11.98	-12.30	4.728	15.12	16.93	20.92	22.69	-083.6	-09.58	+0.000
2130	-20.25	-17.25	-13.90	-12.01	-12.21	4.539	15.11	16.93	20.91	23.90	-083.5	-09.67	+0.000
2145	-20.24	-17.25	-13.90	-12.03	-12.12	4.339	15.10	16.93	20.91	24.68	-083.6	-09.36	+0.000
2200	-20.25	-17.25	-13.89	-12.05	-12.03	4.140	15.09	16.92	20.91	27.25	-083.4	-09.24	+0.000
2215	-20.25	-17.25	-13.89	-12.07	-11.93	3.888	15.08	16.92	20.90	29.91	-083.5	-09.33	+0.000
2230	-20.25	-17.24	-13.89	-12.09	-11.84	3.642	15.07	16.91	20.90	30.47	-082.9	-09.07	+0.000
2245	-20.24	-17.24	-13.89	-12.10	-11.74	3.457	15.07	16.91	20.89	28.77	-083.0	-08.69	+0.000
2300	-20.24	-17.24	-13.89	-12.11	-11.64	3.309	15.06	16.90	20.88	32.14	-082.8	-08.22	+0.000
2315	-20.24	-17.23	-13.89	-12.13	-11.55	3.159	15.05	16.89	20.88	36.79	-082.3	-08.76	+0.000
2330	-20.24	-17.23	-13.89	-12.13	-11.46	3.127	15.05	16.89	20.87	36.79	-082.3	-08.76	+0.000
2345	-20.24	-17.23	-13.89	-12.13	-11.36	2.784	15.04	16.89	20.86	32.03	-083.1	-09.69	+0.000
0000	-20.23	-17.23	-13.88	-12.13	-11.27	2.336	15.03	16.88	20.86	26.40	-085.8	-09.27	+0.000
* 87 323													
0015	-20.23	-17.23	-13.89	-12.14	-11.18	1.990	15.01	16.87	20.85	26.21	-088.2	-08.61	+0.000
0030	-20.24	-17.23	-13.89	-12.13	-11.08	1.762	15.01	16.87	20.85	30.26	-090.0	-6.692	+0.000
0045	-20.24	-17.22	-13.89	-12.13	-10.99	1.582	15.00	16.86	20.84	31.84	-090.9	-6.800	+0.000
0100	-20.23	-17.22	-13.89	-12.13	-10.90	1.438	14.98	16.85	20.83	33.87	-090.8	-6.166	+0.000
0115	-20.23	-17.22	-13.88	-12.12	-10.81	1.329	14.98	16.85	20.83	36.06	-090.0	-6.301	+0.000
0130	-20.23	-17.22	-13.88	-12.11	-10.72	1.283	14.96	16.84	20.82	45.27	-092.2	-5.242	+0.000
0145	-20.23	-17.22	-13.89	-12.11	-10.63	1.350	14.95	16.84	20.81	47.77	-092.6	-5.451	+0.000
0200	-20.23	-17.21	-13.90	-12.09	-10.54	1.355	14.95	16.83	20.80	47.36	-093.6	-5.667	+0.000
0215	-20.23	-17.21	-13.89	-12.08	-10.45	1.270	14.94	16.82	20.80	49.99	-093.9	-5.559	+0.000
0230	-20.22	-17.21	-13.89	-12.07	-10.36	1.262	14.93	16.81	20.79	49.99	-093.9	-5.519	+0.000
0245	-20.22	-17.21	-13.89	-12.06	-10.27	1.255	14.92	16.80	20.78	49.99	-093.9	-5.708	+0.000
0300	-20.22	-17.21	-13.89	-12.04	-10.19	1.159	14.91	16.80	20.77	49.99	-093.9	-5.856	+0.000
0315	-20.22	-17.21	-13.89	-12.04	-10.19	1.013	14.90	16.79	20.77	49.99	-093.9	-5.316	+0.000
0330	-20.22	-17.20	-13.89	-12.01	-10.03	1.042	14.89	16.78	20.76	49.99	-093.9	-5.303	+0.000
0345	-20.22	-17.20	-13.89	-11.99	-09.94	0.990	14.88	16.77	20.74	49.99	-093.9	-5.667	+0.000
0400	-20.21	-17.19	-13.89	-11.97	-09.87	0.747	14.87	16.77	20.74	49.99	-093.9	-5.533	+0.000
0415	-20.21	-17.19	-13.90	-11.95	-09.79	0.560	14.86	16.76	20.73	49.99	-093.9	-5.776	+0.000
0430	-20.21	-17.19	-13.90	-11.93	-09.72	0.409	14.85	16.75	20.73	49.99	-093.9	-5.695	+0.000
0445	-20.21	-17.19	-13.90	-11.91	-09.64	0.218	14.84	16.75	20.72	49.99	-093.9	-4.737	+0.000
0500	-20.21	-17.19	-13.90	-11.89	-09.57	0.046	14.83	16.73	20.71	49.99	-093.9	-5.789	+0.000
0515	-20.21	-17.19	-13.90	-11.87	-09.50	-0.150	14.82	16.73	20.71	49.99	-093.9	-5.722	+0.000
0530	-20.21	-17.18	-13.90	-11.84	-09.43	-0.358	14.81	16.72	20.69	49.99	-093.9	-6.558	+0.000
0545	-20.20	-17.18	-13.90	-11.82	-09.36	-0.539	14.80	16.71	20.67	49.99	-093.9	-4.777	+0.000
0600	-20.21	-17.18	-13.90	-11.79	-09.29	-0.317	14.78	16.68	20.66	49.99	-093.9	-4.197	+0.000
0615	-20.20	-17.17	-13.90	-11.76	-09.23	-0.340	14.78	16.68	20.65	49.99	-093.9	-5.681	+0.000
0630	-20.20	-17.17	-13.90	-11.74	-09.16	-0.197	14.77	16.67	20.64	49.99	-093.9	-1.034	+0.000
0645	-20.20	-17.17	-13.90	-11.71	-09.09	-0.110	14.76	16.66	20.64	49.99	-093.9	-2.240	+0.000
0700	-20.20	-17.17	-13.90	-11.69	-09.02	0.035	14.75	16.65	20.63	49.99	-093.9	-0.486	+0.000
0715	-20.20	-17.17	-13.90	-11.67	-08.96	0.105	14.74	16.65	20.63	49.99	-093.9	-1.188	+0.000
0730	-20.20	-17.16	-13.90	-11.64	-08.89	0.158	14.73	16.63	20.61	49.99	-093.9	-1.332	+0.000
0745	-20.20	-17.16	-13.90	-11.61	-08.83	0.236	14.71	16.63	20.60	49.99	-093.9	-0.337	+0.000
0800	-20.20	-17.16	-13.90	-11.59	-08.78	0.314	14.71	16.63	20.60	49.99	-093.9	3.657	+0.000
0815	-20.20	-17.16	-13.90	-11.56	-08.73	0.479	14.70	16.62	20.59	49.99	-093.9	5.398	+0.000
0830	-20.19	-17.15	-13.89	-11.53	-08.68	0.635	14.69	16.61	20.58	49.99	-093.9	9.911	+0.000
0845	-20.19	-17.15	-13.89	-11.50	-08.64	0.815	14.69	16.61	20.58	49.99	-093.9	11.821	+0.000
0900	-20.19	-17.15	-13.90	-11.48	-08.61	1.048	14.68	16.60	20.57	49.99	-093.9	24.23	+0.000
0915	-20.19	-17.15	-13.90	-11.45	-08.58	1.398	14.67	16.60	20.57	49.99	-093.9	34.70	+0.000
0930	-20.19	-17.15	-13.89	-11.43	-08.56	1.801	14.67	16.59	20.56	49.99	-093.9		+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC	PVC	PVC					
0945	-20.19	-17.15	-13.90	-11.40	-08.54	4.971	14.66	16.58	20.55	-6999	-6999	-42.69	+0.000
1000	-20.19	-17.14	-13.89	-11.37	-08.53	5.658	14.66	16.58	20.55	-6999	-6999	-45.66	+0.000
1015	-20.18	-17.14	-13.89	-11.35	-08.52	6.216	14.65	16.57	20.54	-6999	-6999	-55.00	+0.000
1030	-20.19	-17.14	-13.89	-11.32	-08.52	6.910	14.65	16.57	20.54	-6999	-6999	-071.8	+0.000
1045	-20.18	-17.13	-13.88	-11.29	-08.51	7.677	14.64	16.56	20.53	-6999	-6999	-090.5	+0.000
1060	-20.18	-17.13	-13.88	-11.27	-08.54	8.485	14.64	16.56	20.53	-6999	-6999	-108.3	+0.000
1115	-20.18	-17.14	-13.88	-11.25	-08.57	9.245	14.65	16.56	20.53	-6999	-6999	-126.3	+0.000
1130	-20.18	-17.13	-13.88	-11.23	-08.60	9.969	14.64	16.56	20.52	-6999	-6999	-144.3	+0.000
1145	-20.18	-17.13	-13.87	-11.20	-08.63	10.720	14.64	16.55	20.52	-6999	-6999	-162.3	+0.000
1200	-20.18	-17.13	-13.87	-11.18	-08.68	11.500	14.64	16.55	20.52	-6999	-6999	-180.3	+0.000
1215	-20.17	-17.12	-13.87	-11.16	-08.73	12.290	14.64	16.56	20.52	-6999	-6999	-198.3	+0.000
1230	-20.17	-17.12	-13.86	-11.14	-08.80	13.090	14.65	16.56	20.52	-6999	-6999	-216.3	+0.000
1245	-20.17	-17.12	-13.86	-11.12	-08.86	13.900	14.64	16.56	20.52	-6999	-6999	-234.3	+0.000
1300	-20.17	-17.12	-13.86	-11.10	-08.94	14.720	14.65	16.55	20.52	-6999	-6999	-252.3	+0.000
1315	-20.17	-17.11	-13.85	-11.09	-09.04	15.550	14.65	16.55	20.52	-6999	-6999	-270.3	+0.000
1330	-20.16	-17.11	-13.85	-11.07	-09.14	16.390	14.66	16.56	20.53	-6999	-6999	-288.3	+0.000
1345	-20.16	-17.11	-13.84	-11.06	-09.27	17.240	14.67	16.57	20.54	-6999	-6999	-306.3	+0.000
1400	-20.17	-17.11	-13.84	-11.06	-09.41	18.100	14.68	16.57	20.55	-6999	-6999	-324.3	+0.000
1415	-20.16	-17.10	-13.84	-11.05	-09.58	18.970	14.69	16.58	20.55	-6999	-6999	-342.3	+0.000
1430	-20.16	-17.10	-13.84	-11.05	-09.76	19.840	14.69	16.58	20.55	-6999	-6999	-360.3	+0.000
1445	-20.16	-17.10	-13.83	-11.04	-09.96	20.720	14.72	16.59	20.56	-6999	-6999	-378.3	+0.000
1500	-20.16	-17.09	-13.82	-11.04	-10.16	21.610	14.73	16.60	20.57	-6999	-6999	-396.3	+0.000
1515	-20.16	-17.09	-13.82	-11.05	-10.38	22.510	14.75	16.60	20.58	-6999	-6999	-414.3	+0.000
1530	-20.16	-17.09	-13.82	-11.05	-10.61	23.420	14.77	16.61	20.59	-6999	-6999	-432.3	+0.000
1545	-20.15	-17.09	-13.81	-11.06	-10.83	24.340	14.79	16.62	20.60	-6999	-6999	-450.3	+0.000
1600	-20.15	-17.09	-13.81	-11.06	-11.06	25.270	14.81	16.64	20.63	-6999	-6999	-468.3	+0.000
1615	-20.15	-17.09	-13.80	-11.07	-11.29	26.210	14.82	16.67	20.64	-6999	-6999	-486.3	+0.000
1630	-20.15	-17.08	-13.80	-11.11	-11.50	27.160	14.85	16.69	20.65	-6999	-6999		

		1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	Air	Rel.	Net	Precip
	Time	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m		Hum.	Rad.	
D 2345	+20.11	-17.03	-13.69	-12.05	-11.63	-2.959	-14.92	-16.75	-20.71	-16.81	-080.5	-09.55	-0.000	
D 0000	+20.11	-17.03	-13.69	-12.05	-11.53	-2.880	-14.91	-16.74	-20.70	-14.69	-080.7	-09.85	-0.000	
+ 87 324														
D 0015	+20.11	-17.02	-13.69	-12.06	-11.44	-2.534	-14.90	-16.74	-20.69	-11.96	-083.2	-10.08	-0.000	
D 0030	+20.11	-17.02	-13.69	-12.06	-11.34	-2.349	-14.89	-16.73	-20.69	-14.96	-083.4	-09.39	-0.000	
D 0045	+20.11	-17.02	-13.69	-12.07	-11.25	-2.139	-14.89	-16.73	-20.69	-15.06	-085.2	-08.30	-0.000	
D 0100	+20.11	-17.02	-13.69	-12.06	-11.15	-1.944	-14.87	-16.72	-20.67	-15.06	-085.4	-08.49	-0.000	
D 0115	+20.11	-17.02	-13.69	-12.06	-11.05	-1.773	-14.86	-16.71	-20.67	-15.95	-085.3	-08.70	-0.000	
D 0130	+20.10	-17.01	-13.69	-12.06	-10.96	-1.561	-14.85	-16.70	-20.66	-16.19	-085.0	-08.54	-0.000	
D 0145	+20.11	-17.01	-13.69	-12.05	-10.86	-1.351	-14.85	-16.70	-20.66	-17.89	-085.3	-07.45	-0.000	
D 0200	+20.10	-17.01	-13.69	-12.04	-10.77	-1.215	-14.84	-16.69	-20.65	-18.04	-086.1	-08.55	-0.000	
D 0215	+20.10	-17.01	-13.69	-12.04	-10.68	-0.995	-14.83	-16.69	-20.64	-18.02	-087.4	-07.15	-0.000	
D 0230	+20.10	-17.01	-13.70	-12.03	-10.59	-0.941	-14.82	-16.68	-20.63	-20.66	-088.3	-07.42	-0.000	
D 0245	+20.10	-17.00	-13.69	-12.01	-10.50	-0.996	-14.81	-16.67	-20.63	-27.03	-086.3	-07.139	-0.000	
D 0300	+20.10	-17.01	-13.70	-12.00	-10.41	-1.131	-14.80	-16.66	-20.62	-29.73	-083.7	-07.08	-0.000	
D 0315	+20.09	-17.00	-13.70	-11.99	-10.33	-0.946	-14.79	-16.66	-20.61	-24.68	-085.0	-6.463	-0.000	
D 0330	+20.09	-17.00	-13.70	-11.97	-10.24	-0.919	-14.77	-16.65	-20.60	-25.45	-086.6	-5.694	-0.000	
D 0345	+20.10	-17.00	-13.70	-11.96	-10.15	-1.102	-14.76	-16.64	-20.59	-31.95	-084.3	-6.531	-0.000	
D 0400	+20.09	-16.99	-13.70	-11.94	-10.07	-1.013	-14.75	-16.63	-20.59	-26.02	-084.6	-6.666	-0.000	
D 0415	+20.09	-16.99	-13.71	-11.93	-0.999	-0.948	-14.74	-16.62	-20.57	-26.73	-089.7	-5.843	-0.000	
D 0430	+20.09	-16.99	-13.71	-11.91	-0.990	-0.937	-14.74	-16.62	-20.57	-27.57	-088.3	-6.477	-0.000	
D 0445	+20.09	-16.99	-13.71	-11.89	-0.983	-0.852	-14.73	-16.61	-20.56	-27.33	-088.8	-5.816	-0.000	
D 0500	+20.09	-16.98	-13.71	-11.87	-0.975	-0.825	-14.72	-16.60	-20.55	-28.94	-090.0	-5.749	-0.000	
D 0515	+20.09	-16.98	-13.71	-11.84	-0.968	-0.869	-14.71	-16.59	-20.54	-33.36	-089.3	-5.749	-0.000	
D 0530	+20.08	-16.98	-13.71	-11.82	-0.961	-0.852	-14.71	-16.59	-20.54	-35.16	-088.0	-5.843	-0.000	
D 0545	+20.09	-16.98	-13.72	-11.80	-0.955	-0.724	-14.69	-16.58	-20.53	-35.16	-088.1	-5.894	-0.000	
D 0600	+20.08	-16.98	-13.72	-11.78	-0.948	-0.518	-14.68	-16.58	-20.52	-35.20	-089.2	-5.843	-0.000	
D 0615	+20.08	-16.97	-13.72	-11.75	-0.941	-0.401	-14.67	-16.56	-20.51	-41.20	-089.9	-6.167	-0.000	
D 0630	+20.08	-16.98	-13.72	-11.73	-0.935	-0.375	-14.66	-16.55	-20.49	-47.88	-089.5	-6.801	-0.000	
D 0645	+20.08	-16.97	-13.72	-11.71	-0.929	-0.349	-14.65	-16.53	-20.48	-52.66	-087.5	-5.911	-0.000	
D 0700	+20.08	-16.97	-13.72	-11.68	-0.923	-0.000	-14.65	-16.53	-20.48	-54.09	-087.1	-5.843	-0.000	
D 0715	+20.07	-16.96	-13.72	-11.65	-0.917	-0.177	-14.63	-16.51	-20.47	-55.60	-087.9	-5.938	-0.000	
D 0730	+20.08	-16.96	-13.72	-11.63	-0.911	-0.360	-14.62	-16.51	-20.46	-63.48	-085.5	-6.086	-0.000	
D 0745	+20.07	-16.96	-13.72	-11.61	-0.905	-0.594	-14.61	-16.50	-20.45	-63.69	-084.3	-5.722	-0.000	
D 0800	+20.07	-16.96	-13.72	-11.58	-0.899	-0.623	-14.60	-16.49	-20.44	-69.99	-089.9	-4.886	-0.000	
D 0815	+20.07	-16.96	-13.72	-11.56	-0.893	-0.894	-14.59	-16.48	-20.43	-69.99	-089.3	-4.417	-0.000	
D 0830	+20.07	-16.95	-13.72	-11.53	-0.887	-0.508	-14.58	-16.48	-20.43	-69.99	-089.9	-4.764	-0.000	
D 0845	+20.07	-16.95	-13.72	-11.50	-0.881	-0.266	-14.57	-16.47	-20.42	-69.99	-089.9	-0.862	-0.000	
D 0900	+20.07	-16.95	-13.72	-11.48	-0.875	-0.141	-14.57	-16.47	-20.42	-69.99	-089.9	-2.218	-0.000	
D 0915	+20.06	-16.94	-13.72	-11.45	-0.869	-1.324	-14.56	-16.46	-20.40	-69.99	-089.9	-0.761	-0.000	
D 0930	+20.07	-16.95	-13.72	-11.45	-0.869	-3.042	-14.55	-16.45	-20.40	-69.99	-089.9	-5.492	-0.000	
D 0945	+20.06	-16.95	-13.72	-11.42	-0.863	-3.635	-14.54	-16.45	-20.40	-69.99	-089.9	-0.715	-0.000	
D 1000	+20.06	-16.94	-13.72	-11.37	-0.853	-5.248	-14.53	-16.44	-20.38	-69.99	-089.9	-1.093	-0.000	
D 1015	+20.06	-16.94	-13.72	-11.35	-0.848	-0.720	-14.52	-16.43	-20.37	-69.99	-089.9	-1.833	-0.000	
D 1030	+20.06	-16.94	-13.72	-11.32	-0.842	-0.909	-14.52	-16.43	-20.37	-69.99	-089.9	-1.448	-0.000	
D 1045	+20.06	-16.94	-13.72	-11.30	-0.836	-0.988	-14.51	-16.42	-20.37	-69.99	-089.9	-0.948	-0.000	
D 1100	+20.06	-16.94	-13.72	-11.27	-0.830	-0.988	-14.51	-16.41	-20.36	-69.99	-089.9	-1.743	-0.000	
D 1115	+20.05	-16.93	-13.71	-11.24	-0.824	-12.02	-14.51	-16.41	-20.36	-27.51	-075.6	-1.894	-0.000	
D 1130	+20.05	-16.93	-13.71	-11.21	-0.818	-12.70	-14.51	-16.41	-20.36	-16.61	-070.6	-1.642	-0.000	
D 1145	+20.05	-16.93	-13.71	-11.19	-0.812	-11.99	-14.51	-16.41	-20.36	-13.71	-070.6	-1.642	-0.000	
D 1200	+20.05	-16.93	-13.71	-11.16	-0.806	-17.26	-14.51	-16.41	-20.35	-10.78	-068.4	-1.382	-0.000	
D 1215	+20.05	-16.92	-13.71	-11.14	-0.800	-18.80	-14.51	-16.41	-20.36	-10.17	-067.7	-1.294	-0.000	
D 1230	+20.05	-16.92	-13.70	-11.11	-0.794	-21.00	-14.52	-16.41	-20.36	-11.43	-057.4	-1.382	-0.000	
D 1245	+20.05	-16.92	-13.70	-11.09	-0.788	-22.89	-14.53	-16.41	-20.36	-12.64	-046.49	-1.613	-0.000	
D 1300	+20.04	-16.91	-13.70	-11.07	-0.782	-21.85	-14.54	-16.42	-20.36	-12.35	-041.25	-1.473	-0.000	
D 1315	+20.04	-16.92	-13.70	-11.06	-0.776	-20.68	-14.55	-16.42	-20.37	-12.36	-040.55	-1.023	-0.000	

		1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	Air	Rel.	Net	Precip
	Time	Soil	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m		Hum.	Rad.	
D 1330	+20.04	-16.91	-13.69	-11.04	-0.928	-19.35	-14.56	-16.43	-20.37	-12.29	-040.94	-203.5	-0.000	
D 1345	+20.04	-16.91	-13.69	-11.03	-0.922	-21.45	-14.57	-16.43	-20.38	-13.89	-040.88	-281.9	-0.000	
D 1400	+20.04	-16.91	-13.69	-11.02	-0.916	-23.35	-14.59	-16.44	-20.39	-13.95	-040.37	-255.4	-0.000	
D 0815	+20.04	-16.91	-13.69	-11.01	-0.910	-25.98	-14.61	-16.45	-20.40	-14.17	-040.53	-345.7	-0.000	
D 1430	+20.04	-16.91	-13.68	-11.01	-0.904	-27.75	-14.62	-16.46	-20.41	-14.25	-040.38	-425.7	-0.000	
D 1445	+20.04	-16.90	-13.68	-11.01	-0.898	-29.30	-14.63	-16.47	-20.42	-14.33	-040.32	-510.7	-0.000	
D 1500	+20.03	-16.90	-13.68	-11.01	-0.892	-31.38	-14.66	-16.48	-20.43	-14.31	-038.66	-599.0	-0.000	
+ 87 324														
D 1515	+20.03	-16.90	-13.67	-11.02	-0.886	-33.83	-14.68	-16.48	-20.44	-13.01	-040.36	-686.97	-0.000	
D 1530	+20.03	-16.89	-13.66	-11.03	-0.880	-36.11	-14.69	-16.51	-20.47	-09.33	-040.09	-781.9	-0.000	
D 1545	+20.03	-16.90	-13.66	-11.05	-0.874	-38.28	-14.71	-16.54	-20.48	-07.86	-055.28	-883.3	-0.000	
D 1600	+20.03	-16.89	-13.66	-11.07	-0.868	-40.30	-14.73	-16.54	-20.49	-07.38	-055.00	-990.9	-0.000	
D 1615	+20.03	-16.89	-13.65	-11.09	-0.862	-42.16	-14.74	-16.55	-20.50	-06.92	-055.24	-1104.1	-0.000	
D 1630	+20.02	-16.89	-13.64	-11.11	-0.856	-43.88	-14.76	-16.57	-20.51	-06.47	-055.28	-1223.2	-0.000	
D 1645	+20.02	-16.89	-13.64	-11.13	-0.850	-45.46	-14.78	-16.58	-20.52	-06.03	-055.33	-1347.3	-0.000	
D 1700	+20.01	-16.88	-13.63	-11.18	-0.844	-46.90	-14.79	-16.58	-20.53	-05.59	-055.38	-1476.4	-0.000	
D 1715	+20.02	-16.88	-13.63	-11.22	-0.838	-48.21	-14.80	-16.59	-20.54	-05.15	-055.43	-1610.5	-0.000	
D 1730	+20.02	-16.88	-13.62	-11.25	-0.832	-49.39	-14.81	-16.60	-20.54	-04.71	-055.48	-1749.6	-0.000	
D 1745	+20.01	-16.88	-13.62	-11.29	-0.826	-50.44	-14.82	-16.60	-20.54	-04.27	-055.53	-1893.7	-0.000	
D 1800	+20.01	-16.88	-13.62	-11.33	-0.820	-51.36	-14.83	-16.61	-20.55	-03.83	-055.58	-2042.8	-0.000	
D 1815	+20.02	-16.88	-13.61	-11.37	-0.814	-52.15	-14.84	-16.61	-20.55	-03.39	-055.63	-2196.9	-0.000	
D 1830	+20.01	-16.87	-13.60	-11.41	-0.808	-52.81	-14.85	-16.62	-20.56	-02.95	-055.68	-2355.0	-0.000	
D 1845	+20.02	-16.87	-13.60	-11.45	-0.802	-53.34	-14.86	-16.62	-20.56	-02.51	-055.73	-2517.1	-0.000	
D 1900	+20.01	-16.87	-13.60	-11.48	-0.796	-53.76	-14.87	-16.62	-20.56	-02.07	-055.78	-2683.2	-0.000	
D 1915	+20.01	-16.86	-13.59	-11.52	-0.790	-54.07	-14.88	-16.63	-20.56	-01.63	-055.83	-2853.3	-0.000	
D 1930	+20.01	-16.86	-13.59	-11.55	-0.784	-54.28	-14.89	-16.63	-20.56	-01.19	-055.88	-3027.4	-0.000	
D 1945	+20.00	-16.86	-13.58	-11.58	-0.778	-54.3								

Time	1.75m			1.0m			.75m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil								
D 0300	-19.97	-16.81	-13.56	-11.69	-09.92	-2.283	-14.60	-16.47	-20.40	-09.69	+081.7	-10.18	+0.000				
D 0315	-19.97	-16.81	-13.56	-11.67	-09.86	-2.393	-14.59	-16.47	-20.40	-08.48	+081.8	-11.28	+0.000				
D 0330	-19.96	-16.80	-13.56	-11.66	-09.80	-2.388	-14.59	-16.46	-20.40	-08.44	+082.0	-12.54	+0.000				
D 0345	-19.96	-16.80	-13.56	-11.62	-09.68	-2.217	-14.57	-16.45	-20.38	-08.10	+082.2	-14.97	+0.000				
D 0400	-19.96	-16.80	-13.56	-11.62	-09.68	-2.217	-14.57	-16.45	-20.38	-08.21	+082.0	-12.67	+0.000				
D 0415	-19.96	-16.80	-13.56	-11.61	-09.62	-2.247	-14.56	-16.44	-20.37	-08.42	+081.9	-10.28	+0.000				
D 0430	-19.97	-16.80	-13.56	-11.59	-09.57	-2.296	-14.55	-16.44	-20.36	-08.30	+082.3	-10.70	+0.000				
D 0445	-19.97	-16.80	-13.56	-11.52	-09.52	-2.274	-14.55	-16.43	-20.36	-07.94	+082.2	-12.97	+0.000				
D 0500	-19.96	-16.79	-13.56	-11.56	-09.42	-2.176	-14.55	-16.41	-20.35	-08.17	+082.7	-13.35	+0.000				
D 0515	-19.96	-16.79	-13.56	-11.54	-09.42	-2.014	-14.53	-16.41	-20.34	-08.21	+082.5	-14.00	+0.000				
D 0530	-19.96	-16.79	-13.57	-11.52	-09.37	-1.603	-14.52	-16.41	-20.34	-08.20	+082.5	-31.17	+0.000				
D 0545	-19.96	-16.79	-13.56	-11.50	-09.32	-1.050	-14.52	-16.39	-20.31	-08.43	+082.7	-32.86	+0.000				
D 0600	-19.96	-16.79	-13.57	-11.48	-09.28	-0.616	-14.51	-16.37	-20.31	-09.08	+083.3	-26.48	+0.000				
D 0615	-19.95	-16.78	-13.56	-11.46	-09.24	-0.339	-14.50	-16.37	-20.31	-09.08	+083.3	-26.48	+0.000				
D 0630	-19.95	-16.78	-13.56	-11.44	-09.19	-0.431	-14.49	-16.37	-20.30	-19.07	+082.5	-14.00	+0.000				
D 0645	-19.95	-16.78	-13.56	-11.42	-09.14	-0.601	-14.49	-16.36	-20.30	-09.77	+082.1	-19.10	+0.000				
D 0700	-19.95	-16.78	-13.56	-11.40	-09.09	-0.699	-14.48	-16.35	-20.28	-09.14	+081.9	-13.86	+0.000				
D 0715	-19.95	-16.78	-13.56	-11.38	-09.04	-0.913	-14.47	-16.35	-20.28	-08.46	+081.9	-14.98	+0.000				
D 0730	-19.95	-16.77	-13.56	-11.36	-08.99	-0.796	-14.46	-16.34	-20.27	-07.85	+082.1	-27.84	+0.000				
D 0745	-19.94	-16.77	-13.56	-11.34	-08.94	-0.398	-14.45	-16.33	-20.27	-07.85	+082.1	-27.84	+0.000				
D 0800	-19.95	-16.77	-13.56	-11.32	-08.89	-0.011	-14.45	-16.33	-20.26	-07.58	+082.3	-28.55	+0.000				
D 0815	-19.94	-16.77	-13.56	-11.30	-08.84	-0.347	-14.44	-16.32	-20.25	-07.46	+082.2	-24.89	+0.000				
D 0830	-19.94	-16.77	-13.56	-11.27	-08.79	-0.545	-14.43	-16.31	-20.25	-07.97	+082.3	-14.56	+0.000				
D 0845	-19.94	-16.77	-13.56	-11.26	-08.73	-0.053	-14.43	-16.31	-20.24	-09.36	+082.3	-14.98	+0.000				
D 0900	-19.94	-16.77	-13.56	-11.23	-08.69	-1.075	-14.41	-16.30	-20.23	-09.17	+082.1	-19.96	+0.000				
D 0915	-19.94	-16.76	-13.55	-11.21	-08.63	-1.748	-14.40	-16.29	-20.22	-09.11	+082.3	-34.89	+0.000				
D 0930	-19.94	-16.76	-13.55	-11.19	-08.58	-2.632	-14.40	-16.29	-20.22	-09.98	+081.7	-49.65	+0.000				
D 0945	-19.94	-16.76	-13.55	-11.17	-08.53	-3.739	-14.39	-16.29	-20.22	-10.58	+080.4	-071.4	+0.000				
D 1000	-19.93	-16.76	-13.55	-11.15	-08.48	-4.779	-14.38	-16.27	-20.20	-10.33	+078.8	-077.9	+0.000				
D 1015	-19.93	-16.76	-13.55	-11.12	-08.44	-5.484	-14.38	-16.27	-20.20	-08.31	+078.1	-076.1	+0.000				
D 1030	-19.93	-16.75	-13.55	-11.10	-08.41	-5.882	-14.37	-16.26	-20.19	-6.294	+078.9	-092.8	+0.000				
D 1045	-19.93	-16.75	-13.54	-11.08	-08.39	-6.627	-14.37	-16.26	-20.19	-6.351	+078.7	-102.7	+0.000				
D 1100	-19.93	-16.75	-13.54	-11.05	-08.37	-7.078	-14.36	-16.26	-20.19	-6.800	+076.8	-129.8	+0.000				
D 1115	-19.93	-16.74	-13.54	-11.03	-08.34	-7.928	-14.36	-16.25	-20.19	-6.505	+075.2	-143.1	+0.000				
D 1130	-19.93	-16.73	-13.54	-11.01	-08.30	-10.448	-14.36	-16.25	-20.18	-6.823	+073.3	-128.8	+0.000				
D 1145	-19.92	-16.74	-13.53	-10.98	-08.40	-12.15	-14.35	-16.25	-20.17	-07.48	+073.5	-268.8	+0.000				
D 1200	-19.92	-16.74	-13.53	-10.96	-08.43	-16.30	-14.36	-16.24	-20.17	-07.93	+068.0	-257.6	+0.000				
D 1215	-19.92	-16.74	-13.53	-10.94	-08.48	-16.44	-14.36	-16.25	-20.17	-07.51	+058.93	-112.3	+0.000				
D 1230	-19.92	-16.73	-13.53	-10.92	-08.54	-15.37	-14.36	-16.25	-20.17	-08.71	+058.70	-105.1	+0.000				
D 1245	-19.92	-16.73	-13.53	-10.91	-08.62	-15.37	-14.36	-16.25	-20.17	-08.71	+058.70	-105.1	+0.000				
D 1300	-19.91	-16.73	-13.52	-10.88	-08.71	-16.81	-14.37	-16.25	-20.18	-07.94	+057.09	-271.3	+0.000				
D 1315	-19.92	-16.73	-13.52	-10.87	-08.83	-19.43	-14.38	-16.25	-20.18	-08.73	+054.23	-254.3	+0.000				
D 1330	-19.92	-16.73	-13.52	-10.86	-08.96	-20.59	-14.39	-16.26	-20.18	-09.14	+053.04	-217.7	+0.000				
D 1345	-19.91	-16.72	-13.52	-10.84	-09.09	-21.37	-14.39	-16.26	-20.19	-09.36	+052.36	-232.1	+0.000				
D 1400	-19.91	-16.72	-13.51	-10.83	-09.24	-21.91	-14.40	-16.26	-20.19	-09.44	+051.69	-225.9	+0.000				
D 1415	-19.91	-16.72	-13.51	-10.82	-09.40	-21.96	-14.41	-16.27	-20.20	-09.22	+052.81	-227.5	+0.000				
D 1430	-19.91	-16.72	-13.50	-10.81	-09.58	-21.76	-14.43	-16.28	-20.21	-08.81	+053.42	-211.9	+0.000				
D 1445	-19.91	-16.72	-13.50	-10.81	-09.78	-21.02	-14.44	-16.29	-20.22	-08.93	+053.23	-199.0	+0.000				
D 1500	-19.91	-16.71	-13.49	-10.80	-09.98	-21.56	-14.45	-16.29	-20.22	-08.88	+053.46	-192.5	+0.000				
D 1515	-19.90	-16.71	-13.49	-10.81	-10.19	-21.10	-14.45	-16.30	-20.23	-09.47	+053.46	-179.1	+0.000				
D 1530	-19.91	-16.71	-13.49	-10.82	-10.40	-20.71	-14.48	-16.31	-20.24	-09.16	+052.81	-168.5	+0.000				
D 1545	-19.90	-16.71	-13.48	-10.83	-10.62	-20.03	-14.50	-16.32	-20.26	-09.04	+052.91	-153.3	+0.000				
D 1600	-19.89	-16.70	-13.47	-10.84	-10.83	-19.35	-14.51	-16.34	-20.28	-09.17	+052.42	-130.7	+0.000				
D 1615	-19.90	-16.71	-13.47	-10.85	-10.85	-19.04	-14.53	-16.37	-20.29	-09.91	+051.25	-097.2	+0.000				
D 1630	-19.90	-16.70	-13.47	-10.88	-11.25	-18.61	-14.55	-16.38	-20.31	-09.70	+051.23	-113.4	+0.000				
D 1645	-19.89	-16.70	-13.46	-10.90	-11.44	-17.84	-14.57	-16.39	-20.33	-08.88	+052.39	-43.05	+0.000				

Time	1.75m			1.0m			.75m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil								
D 1700	-19.89	-16.70	-13.46	-10.92	-11.62	-15.93	-14.58	-16.40	-20.33	-07.48	+054.62	-3.774	+0.000				
D 1715	-19.89	-16.70	-13.45	-10.95	-11.79	-14.35	-14.60	-16.41	-20.34	-06.943	+056.04	-15.99	+0.000				
D 1730	-19.89	-16.70	-13.45	-10.98	-12.01	-12.85	-14.62	-16.42	-20.35	-06.180	+057.85	-32.99	+0.000				
D 1745	-19.89	-16.70	-13.44	-11.02	-12.07	-11.39	-14.63	-16.42	-20.35	-05.459	+059.33	-36.79	+0.000				
D 1800	-19.88	-16.69	-13.43	-11.05	-12.18	-10.19	-14.66	-16.43	-20.36	-05.461	+060.31	-37.09	+0.000				
D 1815	-19.89	-16.69	-13.43	-11.10	-12.27	-09.41	-14.64	-16.44	-20.37	-05.359	+061.32	-21.06	+0.000				
D 1830	-19.89	-16.69	-13.43	-11.14	-12.33	-09.15	-14.67	-16.44	-20.38	-05.534	+061.37	-17.81	+0.000				
D 1845	-19.89	-16.69	-13.42	-11.18	-12.37	-08.85	-14.67	-16.45	-20.38	-05.613	+061.85	-18.27	+0.000				
D 1900	-19.89	-16.69	-13.42	-11.22	-12.39	-08.54	-14.66	-16.45	-20.38	-05.605	+062.68	-15.39	+0.000				
D 1915	-19.88	-16.68	-13.41	-11.26	-12.39	-08.33	-14.68	-16.45	-20.39	-05.616	+063.19	-12.50	+0.000				
D 1930	-19.88	-16.68	-13.41	-11.30	-12.37	-07.99	-14.67	-16.46	-20.39	-05.599	+063.53	-20.79	+0.000				
D 1945	-19.88	-16.68	-13.40	-11.34	-12.35	-07.56	-14.68	-16.46	-20.39	-05.482	+064.00	-24.14	+0.000				
D 2000	-19.88	-16.68	-13.40	-11.38	-12.31	-07.08	-14.67	-16.47	-20.39	-05.206	+064.63	-25.57	+0.000				
D 2015	-19.88	-16.68	-13.40	-11.42	-12.26	-6.600	-14.68	-16.46	-20.39	-04.763	+065.99	-28.73	+0.000				
D 2030	-19.88	-16.68	-13.39	-11.45	-12.20	-5.992	-14.68	-16.47	-20.39	-04.514	+066.93	-32.04	+0.000				
D 2045	-19.88	-16.68	-13.39	-11.49	-12.15	-5.448	-14.67	-16.46	-20.39	-04.175	+067.85	-37.25	+0.000				
D 2100	-19.87	-16.67	-13.38	-11.52	-12.08	-5.221	-14.66	-16.46	-20.38	-04.183	+068.69	-41.41	+0.000				
D 2115	-19.87	-16.67	-13.38	-11.55	-12.01	-5.359	-14.66	-16.46	-20.38	-04.734	+067.68	-13.38	+0.000				
D 2130	-19.87	-16.67	-13.38	-11.57	-11.94	-5.418	-14.66	-16.46	-20.38	-04.819	+067.12	-13.33	+0.000				
D 2145	-19.87	-16.67	-13.38	-11.60	-11.87	-5.375	-14.65	-16.46	-20.38	-04.823	+067.24	-16.57	+0.000				
D 2200	-19.87	-16.67	-13.37	-11.63	-11.79	-5.104	-14.66	-16.45	-20.37	-04.722	+067.67	-23.27	+0.000				
D 2215	-19.87	-16.66	-13.37	-11.64	-11.70	-4.812	-14.64	-16.45	-20.37	-04.598	+068.24	-16.14	+0.000				
D 2230	-19.87	-16.66	-13.37	-11.66	-11.63	-4.810	-14.63	-16.45	-20.37	-04.627	+068.41	-11.70	+0.000				
D 2245	-19.86	-16.66	-13.37	-11.67	-11.54	-4.860	-14.63	-16.44	-20.36	-04.568	+068.25	-11.58	+0.000				
D 2300	-19.86	-16.66	-13.37	-11.70	-11.47	-4.822	-14.62	-16.44	-20.36	-04.469	+068.30	-12.59					



Time	Soil					Surf.	PVC		Air	Rel. Hum.	Net Rad.	Precip	
	1.75m	1.0m	.5m	.25m	.125m	1.0m	1.75m	1.75m					
D 0645	19.83	16.61	13.39	11.42	08.96	-3.121	14.34	16.21	20.13	5.228	082.6	-25.95	0.000
D 0700	19.81	16.60	13.39	11.39	08.87	-2.399	14.33	16.20	20.11	5.171	083.0	-25.80	0.000
D 0715	19.82	16.60	13.39	11.37	08.78	-1.191	14.32	16.19	20.10	5.004	083.4	-24.52	0.000
D 0730	19.82	16.60	13.39	11.34	08.69	-2.233	14.31	16.19	20.10	6.092	083.9	-13.50	0.000
D 0745	19.82	16.60	13.39	11.32	08.60	-1.966	14.30	16.18	20.09	6.764	082.9	-15.99	0.000
D 0800	19.82	16.60	13.39	11.29	08.51	-1.912	14.28	16.17	20.08	6.786	082.1	-13.37	0.000
D 0815	19.82	16.60	13.39	11.28	08.43	-1.707	14.27	16.16	20.07	6.791	080.8	-16.50	0.000
D 0830	19.82	16.60	13.40	11.24	08.35	-1.928	14.26	16.15	20.06	6.191	080.8	-16.50	0.000
D 0845	19.81	16.59	13.40	11.21	08.26	-1.794	14.25	16.14	20.05	6.783	081.7	-19.18	0.000
D 0900	19.81	16.59	13.39	11.18	08.19	-0.774	14.24	16.13	20.04	13.00	077.2	08.41	0.000
D 0915	19.81	16.59	13.39	11.15	08.12	-0.108	14.23	16.13	20.03	6.926	075.0	31.16	0.000
D 0930	19.82	16.59	13.40	11.12	08.05	-1.478	14.22	16.12	20.03	5.256	076.0	-58.04	0.000
D 0945	19.81	16.58	13.39	11.08	07.98	3.363	14.21	16.11	20.02	4.642	075.2	086.5	0.000
D 1000	19.81	16.58	13.39	11.05	07.92	5.250	14.21	16.10	20.01	4.484	074.0	115.5	0.000
D 1015	19.80	16.58	13.39	11.02	07.86	0.716	14.20	16.10	20.00	5.148	072.2	141.9	0.000
D 1030	19.80	16.57	13.39	10.99	07.82	0.892	14.19	16.09	20.00	4.938	071.2	165.1	0.000
D 1045	19.80	16.57	13.39	10.96	07.79	10.40	14.19	16.09	19.99	4.858	071.2	176.7	0.000
D 1100	19.80	16.57	13.39	10.93	07.78	11.84	14.19	16.08	19.99	4.998	071.0	189.7	0.000
D 1115	19.80	16.57	13.39	10.89	07.78	13.58	14.18	16.08	19.99	6.076	68.96	201.2	0.000
D 1130	19.80	16.57	13.39	10.86	07.81	15.34	14.18	16.07	19.98	6.128	66.85	217.9	0.000
D 1145	19.79	16.57	13.38	10.83	07.86	16.53	14.18	16.07	19.98	6.463	66.21	219.7	0.000
D 1200	19.79	16.56	13.38	10.80	07.93	17.74	14.19	16.07	19.98	6.498	65.45	227.2	0.000
D 1215	19.79	16.56	13.38	10.77	08.02	19.01	14.20	16.08	19.99	6.595	64.01	239.7	0.000
D 1230	19.79	16.55	13.37	10.74	08.13	20.08	14.20	16.07	19.98	6.907	63.97	243.9	0.000
D 1245	19.79	16.55	13.37	10.72	08.27	20.80	14.21	16.08	19.99	6.711	63.20	245.8	0.000
D 1300	19.79	16.55	13.37	10.70	08.42	21.53	14.21	16.08	19.99	6.724	62.52	241.1	0.000
D 1315	19.79	16.55	13.37	10.68	08.60	22.25	14.23	16.08	19.99	6.776	61.21	243.8	0.000
D 1330	19.78	16.54	13.37	10.65	08.79	23.07	14.24	16.09	19.99	6.814	59.74	245.7	0.000
D 1345	19.78	16.55	13.36	10.64	08.99	23.47	14.26	16.10	20.02	6.852	57.74	230.8	0.000
D 1400	19.78	16.54	13.35	10.63	09.21	23.77	14.27	16.11	20.03	6.889	56.00	209.5	0.000
D 1415	19.78	16.54	13.35	10.62	09.44	24.25	14.29	16.11	20.03	6.926	53.58	205.0	0.000
D 1430	19.77	16.54	13.35	10.62	09.68	24.21	14.31	16.13	20.04	6.983	52.05	195.5	0.000
D 1445	19.74	16.54	13.35	10.61	09.92	24.31	14.33	16.15	20.05	6.990	51.05	187.5	0.000
D 1500	19.78	16.54	13.35	10.63	10.17	23.53	14.34	16.15	20.06	6.998	50.51	175.3	0.000
D 1515	19.77	16.53	13.33	10.63	10.42	23.26	14.36	16.16	20.08	10.15	49.97	163.6	0.000
D 1530	19.77	16.54	13.33	10.65	10.67	22.99	14.38	16.17	20.10	10.46	48.53	150.7	0.000
D 1545	19.77	16.53	13.33	10.67	10.92	22.17	14.40	16.21	20.13	10.37	46.70	133.9	0.000
D 1600	19.77	16.52	13.33	10.70	11.17	21.20	14.42	16.24	20.16	10.22	45.00	117.6	0.000
D 1615	19.77	16.53	13.32	10.71	11.39	20.27	14.44	16.24	20.15	10.16	45.88	109.9	0.000
D 1630	19.77	16.52	13.31	10.74	11.61	19.59	14.47	16.25	20.17	10.17	45.63	99.58	0.000
D 1645	19.77	16.52	13.31	10.77	11.83	18.63	14.50	16.26	20.17	10.21	45.60	29.37	0.000
D 1700	19.76	16.52	13.30	10.81	12.02	17.46	14.52	16.27	20.19	9.96	45.79	0.404	0.000
D 1715	19.76	16.52	13.30	10.85	12.20	16.48	14.54	16.29	20.21	9.61	45.92	24.34	0.000
D 1730	19.76	16.52	13.29	10.89	12.36	14.92	14.57	16.30	20.21	9.92	45.94	-37.82	0.000
D 1745	19.76	16.52	13.29	10.94	12.50	13.40	14.56	16.31	20.22	9.98	46.61	-44.00	0.000
D 1800	19.76	16.52	13.28	10.98	12.62	11.88	14.56	16.32	20.23	9.70	46.78	-44.39	0.000
D 1815	19.76	16.52	13.27	11.03	12.72	10.59	14.59	16.32	20.24	6.865	47.22	-44.36	0.000
D 1830	19.76	16.52	13.27	11.08	12.79	9.99	14.61	16.34	20.24	6.389	47.74	-45.75	0.000
D 1845	19.75	16.51	13.26	11.13	12.84	8.48	14.61	16.34	20.26	5.350	49.28	-41.92	0.000
D 1900	19.75	16.51	13.26	11.18	12.87	6.59	14.61	16.35	20.26	5.275	49.56	-40.11	0.000
D 1915	19.75	16.51	13.26	11.23	12.87	4.854	14.63	16.35	20.26	5.375	49.15	-40.73	0.000
D 1930	19.75	16.51	13.25	11.28	12.86	3.175	14.61	16.35	20.26	4.845	49.72	-39.92	0.000
D 1945	19.75	16.50	13.24	11.33	12.82	1.592	14.63	16.36	20.27	4.332	50.28	-38.09	0.000
D 2000	19.75	16.50	13.24	11.38	12.77	0.031	14.62	16.36	20.27	4.730	50.11	-37.30	0.000
D 2015	19.75	16.50	13.24	11.42	12.71	4.707	14.62	16.36	20.27	4.621	51.24	-37.72	0.000
D 2030	19.75	16.50	13.24	11.46	12.64	4.395	14.60	16.36	20.27	4.331	53.10	-37.40	0.000

Time	Soil					Surf.	PVC		Air	Rel. Hum.	Net Rad.	Precip	
	1.75m	1.0m	.5m	.25m	.125m	1.0m	1.75m	1.75m					
D 2045	19.75	16.50	13.23	11.51	12.55	4.050	14.61	16.36	20.27	4.383	54.17	-36.91	0.000
D 2100	19.74	16.50	13.23	11.58	12.35	3.463	14.59	16.36	20.27	4.259	55.27	-37.05	0.000
D 2115	19.74	16.50	13.23	11.58	12.35	3.463	14.59	16.36	20.26	3.843	56.67	-36.74	0.000
D 2130	19.74	16.50	13.22	11.61	12.25	3.015	14.59	16.35	20.26	3.029	59.05	-37.39	0.000
D 2145	19.74	16.49	13.22	11.64	12.14	2.397	14.57	16.35	20.26	2.302	61.92	-36.89	0.000
D 2200	19.74	16.49	13.22	11.67	12.03	1.971	14.56	16.35	20.26	2.465	62.94	-35.85	0.000
D 2215	19.74	16.49	13.22	11.71	11.89	1.619	14.56	16.35	20.26	2.368	63.99	-36.94	0.000
D 2230	19.73	16.49	13.22	11.71	11.80	1.287	14.54	16.33	20.24	2.376	63.53	-35.38	0.000
D 2245	19.74	16.49	13.22	11.73	11.65	1.002	14.53	16.33	20.24	2.368	63.55	-35.12	0.000
D 2300	19.73	16.49	13.22	11.74	11.57	0.704	14.52	16.32	20.23	2.194	63.76	-35.10	0.000
D 2315	19.73	16.49	13.22	11.75	11.45	0.316	14.51	16.32	20.22	1.532	64.87	-36.67	0.000
D 2330	19.73	16.48	13.21	11.76	11.33	-0.007	14.50	16.31	20.22	1.561	66.18	-35.05	0.000
D 0000	19.73	16.48	13.22	11.77	11.10	-0.557	14.47	16.30	20.20	1.138	67.51	-34.46	0.000
* 87 327													
D 0015	19.73	16.48	13.22	11.77	10.98	-0.677	14.47	16.29	20.20	1.461	68.57	-33.80	0.000
D 0030	19.73	16.48	13.22	11.78	10.86	-0.633	14.46	16.28	20.19	2.112	67.57	-32.63	0.000
D 0045	19.73	16.48	13.22	11.77	10.74	-0.773	14.44	16.27	20.18	1.626	67.84	-31.72	0.000
D 0100	19.73	16.48	13.23	11.77	10.63	-1.013	14.43	16.27	20.17	1.341	68.91	-33.75	0.000
D 0115	19.72	16.47	13.22	11.76	10.51	-1.343	14.42	16.26	20.16	0.636	69.88	-34.07	0.000
D 0130	19.72	16.47	13.23	11.75	10.39	-1.553	14.41	16.25	20.15	0.783	67.01	-33.52	0.000
D 0145	19.72	16.47	13.23	11.74	10.28	-1.783	14.40	16.24	20.14	0.733	67.06	-33.07	0.000
D 0200	19.72	16.47	13.23	11.73	10.17	-2.036	14.39	16.23	20.13	0.561	67.15	-31.83	0.000
D 0215	19.72	16.47	13.23	11.71	10.06	-2.080	14.37	16.22	20.12	0.905	69.94	-33.74	0.000
D 0230	19.72	16.47	13.23	11.70	09.95	-2.158	14.37	16.21	20.11	0.888	69.61	-33.56	0.000
D 0245	19.72	16.46	13.24	11.68	09.84	-2.108	14.35	16.20	20.10	1.265	69.23	-29.90	0.000
D 0300	19.71	16.46	13.24	11.66	09.73	-2.146	14.34	16.19	20.09	0.705	69.40	-33.37	0.000
D 0315	19.72	16.46	13.24	11.64	09.62	-2.389	14.33	16.19	20.09	0.178	67.01	-32.54	

Time	1.75m 1.0m .5m .25m .125m Surf.					PVC PVC PVC			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m					
D 1030	-19.68	-16.41	-13.26	-10.73	-0.72	-5.857	-14.01	-15.90	-19.80	+2.181	+0.70	+153.5	+0.000
D 1045	-19.68	-16.40	-13.26	-10.70	-0.77	-0.809	-14.00	-15.90	-19.79	+3.211	+68.92	+173.6	+0.000
D 1100	-19.67	-16.40	-13.26	-10.66	-0.71	-0.994	-13.99	-15.89	-19.78	+3.750	+67.22	+189.8	+0.000
D 1115	-19.67	-16.40	-13.26	-10.62	-0.71	-11.53	-13.98	-15.89	-19.78	+4.210	+65.58	+195.4	+0.000
D 1130	-19.67	-16.40	-13.25	-10.55	-0.71	-13.60	-13.99	-15.88	-19.77	+4.888	+64.52	+228.4	+0.000
D 1145	-19.67	-16.40	-13.25	-10.55	-0.71	-13.89	-13.99	-15.88	-19.78	+4.619	+63.16	+188.9	+0.000
D 1200	-19.66	-16.39	-13.25	-10.52	-0.72	-14.24	-13.99	-15.88	-19.77	+4.652	+62.88	+177.3	+0.000
D 1215	-19.66	-16.39	-13.25	-10.49	-0.77	-14.87	-13.99	-15.88	-19.77	+5.030	+62.48	+196.3	+0.000
D 1230	-19.66	-16.39	-13.24	-10.45	-0.74	-16.17	-14.00	-15.88	-19.77	+5.633	+61.43	+245.0	+0.000
D 1245	-19.67	-16.39	-13.24	-10.43	-0.73	-17.80	-14.00	-15.87	-19.77	+6.257	+59.79	+297.3	+0.000
D 1300	-19.66	-16.38	-13.24	-10.40	-0.76	-18.33	-14.01	-15.88	-19.78	+6.493	+58.54	+243.0	+0.000
D 1315	-19.66	-16.39	-13.23	-10.37	-0.81	-19.53	-14.02	-15.88	-19.78	+6.986	+56.51	+247.3	+0.000
D 1330	-19.66	-16.38	-13.23	-10.35	-0.98	-20.26	-14.03	-15.89	-19.79	+7.071	+55.17	+212.1	+0.000
D 1345	-19.65	-16.38	-13.22	-10.33	-0.86	-20.15	-14.04	-15.89	-19.79	+7.477	+53.54	+202.6	+0.000
D 1400	-19.65	-16.38	-13.22	-10.31	-0.85	-20.91	-14.05	-15.90	-19.80	+7.873	+52.06	+209.7	+0.000
D 1415	-19.65	-16.37	-13.21	-10.30	-0.85	-21.54	-14.06	-15.91	-19.81	+8.188	+50.85	+201.2	+0.000
D 1430	-19.65	-16.37	-13.21	-10.29	-0.88	-22.18	-14.07	-15.91	-19.81	+8.268	+49.99	+205.4	+0.000
D 1445	-19.64	-16.37	-13.20	-10.28	-0.89	-22.38	-14.10	-15.93	-19.82	+8.400	+48.87	+196.4	+0.000
D 1500	-19.64	-16.37	-13.20	-10.28	-0.99	-23.37	-14.11	-15.94	-19.83	+8.799	+47.31	+181.9	+0.000
D 1515	-19.64	-16.37	-13.19	-10.29	-0.95	-21.11	-14.93	-15.95	-19.85	+9.033	+46.00	+159.3	+0.000
D 1545	-19.64	-16.36	-13.18	-10.30	-0.98	-20.36	-14.12	-15.95	-19.86	+9.544	+44.85	+148.5	+0.000
D 1600	-19.64	-16.36	-13.17	-10.31	-1.03	-19.70	-14.09	-15.96	-19.87	+9.42	+44.81	+148.5	+0.000
D 1615	-19.64	-16.36	-13.17	-10.33	-1.06	-18.76	-14.07	-15.98	-19.88	+9.17	+44.84	+148.5	+0.000
D 1630	-19.64	-16.36	-13.16	-10.35	-1.07	-17.87	-14.09	-16.00	-19.89	+9.25	+44.59	+148.5	+0.000
D 1645	-19.64	-16.36	-13.16	-10.38	-1.07	-17.15	-14.01	-16.01	-19.89	+9.859	+43.25	+148.5	+0.000
D 1700	-19.64	-16.36	-13.15	-10.41	-1.07	-16.31	-14.12	-16.02	-19.93	+10.09	+43.82	+148.5	+0.000
D 1715	-19.63	-16.35	-13.14	-10.44	-1.14	-15.19	-14.14	-16.06	-19.96	+9.31	+44.57	+148.5	+0.000
D 1730	-19.63	-16.35	-13.14	-10.47	-1.10	-13.68	-14.16	-16.07	-19.97	+9.97	+46.23	+148.5	+0.000
D 1745	-19.63	-16.35	-13.13	-10.51	-1.15	-12.10	-14.17	-16.08	-19.98	+6.934	+47.73	+148.5	+0.000
D 1800	-19.63	-16.35	-13.12	-10.55	-1.15	-10.59	-14.19	-16.09	-19.99	+6.257	+49.79	+148.5	+0.000
D 1815	-19.63	-16.35	-13.12	-10.59	-1.16	-9.33	-14.20	-16.10	-20.00	+5.248	+50.53	+148.5	+0.000
D 1830	-19.63	-16.35	-13.11	-10.63	-1.17	-8.26	-14.21	-16.10	-20.01	+4.715	+52.18	+148.5	+0.000
D 1845	-19.63	-16.35	-13.10	-10.68	-1.18	-7.37	-14.22	-16.11	-20.01	+4.525	+52.96	+148.5	+0.000
D 1900	-19.62	-16.34	-13.10	-10.72	-1.18	-6.598	-14.23	-16.12	-20.02	+4.254	+53.52	+148.5	+0.000
D 1915	-19.62	-16.34	-13.09	-10.76	-1.18	-5.83	-14.23	-16.12	-20.02	+4.254	+53.52	+148.5	+0.000
D 1930	-19.62	-16.34	-13.08	-10.81	-1.18	-5.136	-14.23	-16.13	-20.03	+3.352	+55.14	+148.5	+0.000
D 1945	-19.62	-16.34	-13.08	-10.85	-1.18	-4.500	-14.24	-16.13	-20.03	+3.167	+55.35	+148.5	+0.000
D 2000	-19.62	-16.34	-13.07	-10.89	-1.18	-3.964	-14.23	-16.13	-20.03	+3.182	+55.33	+148.5	+0.000
D 2015	-19.62	-16.34	-13.07	-10.93	-1.17	-3.526	-14.23	-16.13	-20.03	+3.350	+55.19	+148.5	+0.000
D 2030	-19.62	-16.34	-13.06	-10.97	-1.17	-3.091	-14.23	-16.13	-20.03	+3.200	+55.63	+148.5	+0.000
D 2045	-19.62	-16.33	-13.06	-11.01	-1.16	-2.691	-14.22	-16.12	-20.03	+2.976	+56.19	+148.5	+0.000
D 2100	-19.62	-16.33	-13.05	-11.04	-1.15	-2.461	-14.21	-16.12	-20.03	+3.034	+56.43	+148.5	+0.000
D 2115	-19.62	-16.33	-13.05	-11.07	-1.15	-2.246	-14.20	-16.12	-20.02	+2.818	+57.10	+148.5	+0.000
D 2130	-19.61	-16.33	-13.05	-11.10	-1.16	-2.086	-14.20	-16.12	-20.02	+2.939	+57.29	+148.5	+0.000
D 2145	-19.61	-16.33	-13.04	-11.13	-1.16	-1.943	-14.19	-16.11	-20.02	+2.897	+56.73	+148.5	+0.000
D 2200	-19.61	-16.32	-13.04	-11.15	-1.16	-1.807	-14.18	-16.11	-20.01	+2.406	+57.81	+148.5	+0.000
D 2215	-19.61	-16.32	-13.04	-11.18	-1.16	-1.686	-14.17	-16.10	-20.01	+2.040	+59.33	+148.5	+0.000
D 2230	-19.61	-16.32	-13.03	-11.19	-1.15	-1.581	-14.17	-16.10	-20.00	+2.291	+58.95	+148.5	+0.000
D 2245	-19.61	-16.32	-13.03	-11.21	-1.15	-1.484	-14.16	-16.10	-20.00	+2.259	+58.72	+148.5	+0.000
D 2300	-19.61	-16.32	-13.03	-11.23	-1.15	-1.394	-14.15	-16.09	-19.99	+2.159	+59.19	+148.5	+0.000
D 2315	-19.61	-16.32	-13.03	-11.23	-1.15	-1.313	-14.14	-16.09	-19.99	+1.657	+60.39	+148.5	+0.000
D 2330	-19.61	-16.32	-13.03	-11.24	-1.15	-1.232	-14.13	-16.08	-19.98	+1.821	+60.69	+148.5	+0.000
D 2345	-19.61	-16.32	-13.02	-11.25	-1.15	-1.151	-14.12	-16.07	-19.97	+1.231	+62.60	+148.5	+0.000
D 0000	-19.60	-16.31	-13.02	-11.25	-1.15	-1.070	-14.11	-16.06	-19.96	+0.989	+65.38	+148.5	+0.000
D 0715	-19.60	-16.31	-13.02	-11.25	-1.15	-0.196	-14.10	-16.06	-19.96	+1.317	+64.71	+148.5	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					PVC PVC PVC			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	1.0m	1.75m	1.0m					
D 0030	-19.60	-16.31	-13.02	-11.25	-1.11	-0.512	-14.09	-16.05	-19.95	+0.971	+65.07	+148.5	+0.000
D 0045	-19.60	-16.31	-13.02	-11.25	-1.01	-0.757	-14.08	-16.04	-19.94	+0.540	+66.50	+148.5	+0.000
D 0100	-19.60	-16.31	-13.02	-11.24	-0.91	-0.971	-14.07	-16.04	-19.93	+0.509	+67.51	+148.5	+0.000
D 0115	-19.60	-16.30	-13.01	-11.24	-0.81	-1.270	-14.06	-16.03	-19.92	+1.025	+68.33	+148.5	+0.000
D 0130	-19.60	-16.31	-13.02	-11.23	-0.92	-1.550	-14.05	-16.02	-19.92	+0.194	+68.30	+148.5	+0.000
D 0145	-19.59	-16.30	-13.02	-11.22	-0.92	-1.761	-14.04	-16.01	-19.91	+0.341	+68.71	+148.5	+0.000
D 0200	-19.59	-16.30	-13.02	-11.21	-0.93	-1.917	-14.03	-16.00	-19.90	+0.771	+67.84	+148.5	+0.000
D 0215	-19.59	-16.30	-13.02	-11.19	-0.93	-2.095	-14.02	-16.00	-19.89	+0.906	+67.28	+148.5	+0.000
D 0230	-19.59	-16.30	-13.02	-11.18	-0.93	-2.277	-14.00	-15.99	-19.88	+0.925	+66.95	+148.5	+0.000
D 0245	-19.59	-16.30	-13.02	-11.17	-0.93	-2.460	-13.99	-15.99	-19.87	+0.926	+66.86	+148.5	+0.000
D 0300	-19.59	-16.29	-13.02	-11.15	-0.95	-2.440	-13.98	-15.98	-19.87	+0.720	+66.92	+148.5	+0.000
D 0315	-19.59	-16.29	-13.02	-11.13	-0.96	-2.541	-13.97	-15.97	-19.86	+0.469	+67.28	+148.5	+0.000
D 0330	-19.59	-16.29	-13.02	-11.11	-0.96	-2.511	-13.96	-15.96	-19.85	+1.035	+67.12	+148.5	+0.000
D 0345	-19.59	-16.29	-13.02	-11.09	-0.98	-2.332	-13.95	-15.95	-19.85	+1.118	+66.74	+148.5	+0.000
D 0400	-19.58	-16.29	-13.02	-11.07	-0.98	-2.448	-13.94	-15.94	-19.84	+0.103	+67.63	+148.5	+0.000
D 0415	-19.58	-16.29	-13.02	-11.05	-0.99	-2.622	-13.93	-15.94	-19.82	+0.186	+69.69	+148.5	+0.000
D 0430	-19.58	-16.29	-13.02	-11.02	-0.98	-2.636	-13.91	-15.93	-19.81	+0.118	+69.82	+148.5	+0.000
D 0445	-19.58	-16.28	-13.02	-11.00	-0.98	-2.570	-13.90	-15.92	-19.80	+0.259	+70.1	+148.5	+0.000
D 0500	-19.58	-16.28	-13.03	-10.98	-0.83	-2.422	-13.89	-15.91	-19.79	+0.438	+69.67	+148.5	+0.000
D 0515	-19.58	-16.28	-13.03	-10.95	-0.83	-2.357	-13.88	-15.91	-19.79	+0.376	+69.84	+148.5	+0.000
D 0530	-19.58	-16.28	-13.03	-10.93	-0.84	-2.403	-13.87	-15.89	-19.78	+0.304	+69.69	+148.5	+0.000
D 0545	-19.57	-16.28	-13.03	-10.90	-0.84	-2.606	-13.86	-15.90	-19.77	+0.263	+71.0	+148.5	+0.000
D 0600	-19.57	-16.27	-13.03	-10.87	-0.82	-2.887	-13.85	-15.88	-19.76	+0.645	+72.7	+148.5	+0.000
D 0615	-19.57	-16.27	-13.03	-10.84	-0.84	-3.246	-13.84	-15.87	-19.75	+0.879	+74.3	+148.5	+0.000
D 0630	-19.57	-16.27	-13.03	-10.82	-0.97	-3.179	-13.83	-15.84	-19.72	+0.761	+74.8	+148.5	+0.000
D 0645	-19.57	-16.27	-13.03	-10.79	-0.70	-3.204	-13.81	-15.82	-19.70	+0.839	+74.9	+148.5	+0.000
D 0700	-19.57	-16.27	-13.03	-10.76	-0.77	-3.244	-13.80	-15.82	-19.69	+0.626	+74.9	+148.5	+0.000
D 0715	-19.57	-16.27	-13.03	-10.73	-0.76	-3.372	-13.79	-15.8					

Time	1.75m					1.0m					1.75m					Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
1430	-19.52	-16.21	-12.94	-09.94	-08.08	-16.66	-13.70	-15.72	-19.57	-10.62	-41.89	-6999.	+0.000					
1445	-19.52	-16.21	-12.94	-09.93	-08.21	-17.71	-13.71	-15.72	-19.58	-11.80	-37.25	-6999.	+0.000					
1500	-19.52	-16.21	-12.93	-09.93	-08.35	-17.76	-13.71	-15.72	-19.58	-13.30	-25.23	-6999.	+0.000					
1515	-19.52	-16.20	-12.93	-09.92	-08.49	-17.47	-13.72	-15.73	-19.59	-12.95	-23.69	-6999.	+0.000					
1530	-19.52	-16.20	-12.92	-09.92	-08.63	-17.03	-13.73	-15.74	-19.60	-12.71	-23.53	-6999.	+0.000					
1545	-19.51	-16.20	-12.92	-09.92	-08.78	-16.55	-13.75	-15.75	-19.60	-12.74	-23.70	-6999.	+0.000					
1600	-19.51	-16.20	-12.91	-09.93	-08.94	-16.01	-13.76	-15.75	-19.61	-11.95	-24.24	-6999.	+0.000					
1615	-19.51	-16.20	-12.90	-09.94	-09.10	-15.34	-13.77	-15.75	-19.62	-11.33	-24.61	-6999.	+0.000					
1630	-19.51	-16.19	-12.90	-09.95	-09.25	-14.52	-13.78	-15.77	-19.63	-10.79	-24.75	-6999.	+0.000					
1645	-19.51	-16.19	-12.89	-09.95	-09.40	-13.64	-13.79	-15.78	-19.64	-10.30	-24.93	-6999.	+0.000					
1700	-19.51	-16.19	-12.88	-09.97	-09.55	-12.46	-13.80	-15.78	-19.65	-09.05	-26.93	-6999.	+0.000					
1715	-19.51	-16.19	-12.88	-09.98	-09.68	-10.77	-13.81	-15.79	-19.65	-08.04	-30.09	-6999.	+0.000					
1730	-19.51	-16.19	-12.87	-10.00	-09.81	-09.47	-13.82	-15.79	-19.66	-07.27	-34.06	-6999.	+0.000					
1745	-19.50	-16.18	-12.86	-10.02	-09.92	-08.45	-13.83	-15.80	-19.67	-6.786	-37.95	-6999.	+0.000					
1800	-19.50	-16.18	-12.86	-10.04	-10.02	-07.62	-13.84	-15.81	-19.67	-6.443	-40.39	-6999.	+0.000					
1815	-19.50	-16.18	-12.85	-10.07	-10.09	-6.939	-13.85	-15.81	-19.68	-6.110	-42.45	-6999.	+0.000					
1830	-19.50	-16.18	-12.84	-10.09	-10.15	-6.348	-13.85	-15.81	-19.68	-5.852	-43.99	-6999.	+0.000					
1845	-19.50	-16.18	-12.83	-10.12	-10.20	-5.922	-13.86	-15.82	-19.69	-5.585	-45.36	-6999.	+0.000					
1900	-19.50	-16.18	-12.83	-10.14	-10.22	-5.927	-13.86	-15.82	-19.69	-5.569	-46.44	-6999.	+0.000					
1915	-19.50	-16.17	-12.82	-10.17	-10.23	-5.430	-13.86	-15.83	-19.69	-5.142	-47.03	-6999.	+0.000					
1930	-19.50	-16.17	-12.81	-10.20	-10.23	-4.797	-13.86	-15.83	-19.69	-5.030	-46.72	-6999.	+0.000					
1945	-19.50	-16.17	-12.81	-10.22	-10.21	-4.433	-13.86	-15.83	-19.70	-3.920	-50.57	-6999.	+0.000					
2000	-19.50	-16.17	-12.80	-10.25	-10.19	-4.009	-13.86	-15.83	-19.70	-2.538	-57.72	-6999.	+0.000					
2015	-19.49	-16.17	-12.80	-10.28	-10.16	-2.986	-13.86	-15.83	-19.70	-6999.	-6999.	+0.000						
2030	-19.49	-16.17	-12.79	-10.30	-10.12	-2.592	-13.85	-15.83	-19.70	-6999.	-6999.	+0.000						
2045	-19.49	-16.17	-12.78	-10.32	-10.07	-2.463	-13.85	-15.83	-19.70	-6999.	-6999.	+0.000						
2100	-19.49	-16.17	-12.78	-10.35	-10.02	-2.382	-13.84	-15.83	-19.69	-6999.	-6999.	+0.000						
2115	-19.49	-16.16	-12.77	-10.37	-09.97	-2.307	-13.84	-15.82	-19.69	-6999.	-6999.	+0.000						
2130	-19.49	-16.16	-12.77	-10.39	-09.90	-2.215	-13.83	-15.82	-19.68	-6999.	-6999.	+0.000						
2145	-19.49	-16.16	-12.76	-10.40	-09.84	-2.070	-13.83	-15.82	-19.68	-6999.	-6999.	+0.000						
2200	-19.49	-16.16	-12.76	-10.42	-09.77	-1.913	-13.81	-15.81	-19.67	-6999.	-6999.	+0.000						
2215	-19.49	-16.16	-12.76	-10.44	-09.70	-1.813	-13.81	-15.81	-19.67	-6999.	-6999.	+0.000						
2230	-19.48	-16.16	-12.75	-10.44	-09.63	-1.701	-13.81	-15.80	-19.66	-33.47	-105.2	-6999.	+0.000					
2245	-19.48	-16.15	-12.75	-10.45	-09.57	-1.598	-13.80	-15.80	-19.66	-13.45	-100.3	-6999.	+0.000					
2300	-19.48	-16.15	-12.74	-10.46	-09.50	-1.497	-13.79	-15.79	-19.65	-6.870	-97.6	-6999.	+0.000					
2315	-19.48	-16.15	-12.74	-10.47	-09.43	-1.435	-13.78	-15.78	-19.64	-5.069	-92.9	-6999.	+0.000					
2330	-19.48	-16.15	-12.74	-10.48	-09.36	-1.392	-13.78	-15.78	-19.64	-4.392	-92.9	-6999.	+0.000					
2345	-19.48	-16.15	-12.73	-10.48	-09.30	-1.359	-13.77	-15.78	-19.63	-2.428	-92.6	-6999.	+0.000					
0000	-19.48	-16.15	-12.73	-10.48	-09.23	-1.278	-13.76	-15.77	-19.63	-0.956	-91.1	-6999.	+0.000					
* 07 329																		
0015	-19.48	-16.14	-12.73	-10.48	-09.16	-1.170	-13.75	-15.76	-19.62	-0.336	-90.2	-6999.	+0.000					
0030	-19.47	-16.14	-12.72	-10.48	-09.09	-1.110	-13.75	-15.75	-19.61	-0.052	-89.6	-6999.	+0.000					
0045	-19.47	-16.14	-12.72	-10.48	-09.04	-1.058	-13.74	-15.75	-19.60	-0.238	-89.4	-6999.	+0.000					
0100	-19.47	-16.14	-12.72	-10.47	-08.98	-1.019	-13.73	-15.74	-19.60	-0.546	-88.4	-6999.	+0.000					
0115	-19.47	-16.14	-12.72	-10.47	-08.91	-1.072	-13.72	-15.73	-19.59	-0.737	-87.8	-6999.	+0.000					
0130	-19.47	-16.14	-12.72	-10.46	-08.85	-1.130	-13.72	-15.73	-19.59	-0.947	-87.4	-6999.	+0.000					
0145	-19.47	-16.13	-12.71	-10.45	-08.79	-1.193	-13.71	-15.72	-19.58	-1.184	-86.4	-6999.	+0.000					
0160	-19.47	-16.13	-12.71	-10.45	-08.73	-1.261	-13.70	-15.71	-19.57	-1.481	-85.6	-6999.	+0.000					
0175	-19.47	-16.13	-12.71	-10.44	-08.68	-1.334	-13.70	-15.70	-19.56	-1.821	-84.6	-6999.	+0.000					
0190	-19.47	-16.13	-12.71	-10.43	-08.62	-1.412	-13.69	-15.70	-19.55	-2.214	-83.7	-6999.	+0.000					
0205	-19.46	-16.13	-12.71	-10.42	-08.56	-1.495	-13.68	-15.69	-19.54	-2.661	-83.4	-6999.	+0.000					
0220	-19.46	-16.13	-12.70	-10.41	-08.50	-1.583	-13.67	-15.68	-19.53	-3.175	-83.4	-6999.	+0.000					
0235	-19.46	-16.13	-12.70	-10.40	-08.45	-1.676	-13.66	-15.68	-19.53	-3.756	-83.4	-6999.	+0.000					
0250	-19.46	-16.13	-12.70	-10.39	-08.39	-1.773	-13.66	-15.67	-19.52	-4.403	-83.6	-6999.	+0.000					
0300	-19.46	-16.13	-12.70	-10.37	-08.34	-1.874	-13.65	-15.66	-19.51	-5.118	-83.5	-6999.	+0.000					
0315	-19.46	-16.13	-12.70	-10.36	-08.28	-1.979	-13.64	-15.66	-19.50	-5.903	-83.4	-6999.	+0.000					
0330	-19.46	-16.13	-12.70	-10.36	-08.28	-2.087	-13.64	-15.66	-19.50	-6.756	-83.4	-6999.	+0.000					
0345	-19.46	-16.13	-12.70	-10.36	-08.28	-2.199	-13.64	-15.66	-19.50	-7.676	-83.4	-6999.	+0.000					
0400	-19.46	-16.13	-12.70	-10.36	-08.28	-2.316	-13.64	-15.66	-19.50	-8.653	-83.4	-6999.	+0.000					

Time	1.75m					1.0m					1.75m					Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
0415	-19.46	-16.12	-12.70	-10.35	-08.23	-1.245	-13.63	-15.64	-19.49	-1.280	-90.3	-6999.	+0.000					
0430	-19.46	-16.11	-12.70	-10.33	-08.17	-1.235	-13.62	-15.64	-19.49	-1.334	-90.3	-6999.	+0.000					
0445	-19.45	-16.11	-12.70	-10.32	-08.12	-1.465	-13.62	-15.64	-19.48	-1.396	-90.2	-6999.	+0.000					
0500	-19.45	-16.11	-12.69	-10.30	-08.07	-1.803	-13.61	-15.62	-19.47	-1.539	-89.2	-6999.	+0.000					
0515	-19.45	-16.11	-12.69	-10.28	-08.02	-2.039	-13.60	-15.62	-19.46	-1.697	-88.1	-6999.	+0.000					
0530	-19.45	-16.11	-12.69	-10.27	-07.97	-2.282	-13.59	-15.61	-19.46	-1.870	-86.6	-6999.	+0.000					
0545	-19.45	-16.11	-12.69	-10.25	-07.92	-2.527	-13.59	-15.60	-19.45	-2.058	-85.6	-6999.	+0.000					
0600	-19.45	-16.10	-12.69	-10.23	-07.87	-2.774	-13.58	-15.60	-19.44	-2.261	-84.9	-6999.	+0.000					
0615	-19.45	-16.10	-12.68	-10.21	-07.82	-3.022	-13.57	-15.59	-19.43	-2.479</								



Time	1.75m 1.0m .5m					1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip		
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC				Air	
1815	-19.38	-16.00	-12.50	-09.74	-09.82	3.808	-13.57	-15.57	-19.40	-0.341	-55.97	-6999.	+0.000
1830	-19.38	-16.00	-12.49	-09.77	-09.85	2.851	-13.58	-15.57	-19.41	-0.036	-57.49	-6999.	+0.000
1845	-19.38	-16.00	-12.49	-09.80	-09.87	2.038	-13.58	-15.57	-19.41	-0.063	-58.37	-6999.	+0.000
1900	-19.38	-16.00	-12.48	-09.82	-09.87	4.349	-13.58	-15.57	-19.41	-0.121	-58.73	-6999.	+0.000
1915	-19.38	-16.00	-12.48	-09.85	-09.85	0.756	-13.58	-15.57	-19.41	-0.075	-59.48	-6999.	+0.000
1930	-19.37	-16.00	-12.47	-09.88	-09.81	-0.233	-13.58	-15.57	-19.41	-0.427	-60.10	-6999.	+0.000
1945	-19.37	-16.00	-12.46	-09.91	-09.76	-0.202	-13.57	-15.58	-19.41	-0.508	-60.58	-6999.	+0.000
2000	-19.37	-15.99	-12.46	-09.93	-09.69	-0.607	-13.57	-15.57	-19.41	-0.730	-61.41	-6999.	+0.000
2015	-19.37	-15.99	-12.46	-09.96	-09.62	-0.988	-13.56	-15.57	-19.41	-0.765	-62.04	-6999.	+0.000
2030	-19.37	-15.99	-12.45	-09.98	-09.51	-1.248	-13.56	-15.57	-19.41	-0.873	-62.83	-6999.	+0.000
2045	-19.37	-15.99	-12.44	-10.00	-09.43	-1.739	-13.55	-15.56	-19.40	-1.149	-64.29	-6999.	+0.000
2100	-19.37	-15.98	-12.44	-10.02	-09.33	-2.026	-13.54	-15.55	-19.39	-1.367	-64.03	-6999.	+0.000
2115	-19.37	-15.98	-12.43	-10.03	-09.23	-2.339	-13.53	-15.55	-19.39	-1.290	-64.39	-6999.	+0.000
2130	-19.36	-15.98	-12.43	-10.05	-09.12	-2.651	-13.53	-15.55	-19.38	-1.651	-65.24	-6999.	+0.000
2145	-19.36	-15.98	-12.43	-10.06	-09.01	-2.751	-13.52	-15.54	-19.37	-1.427	-65.48	-6999.	+0.000
2200	-19.36	-15.98	-12.42	-10.07	-08.90	-2.929	-13.51	-15.53	-19.37	-1.702	-65.99	-6999.	+0.000
2215	-19.36	-15.98	-12.42	-10.07	-08.79	-3.179	-13.50	-15.53	-19.36	-1.664	-66.27	-6999.	+0.000
2230	-19.36	-15.97	-12.42	-10.07	-08.68	-3.246	-13.49	-15.52	-19.35	-1.592	-65.80	-6999.	+0.000
2245	-19.36	-15.97	-12.41	-10.07	-08.57	-3.316	-13.48	-15.51	-19.34	-1.695	-65.79	-6999.	+0.000
2300	-19.36	-15.97	-12.41	-10.07	-08.46	-3.623	-13.46	-15.51	-19.33	-1.257	-66.74	-6999.	+0.000
2315	-19.36	-15.97	-12.41	-10.07	-08.35	-3.866	-13.45	-15.49	-19.33	-1.134	-67.11	-6999.	+0.000
2330	-19.36	-15.97	-12.40	-10.06	-08.24	-3.973	-13.44	-15.49	-19.32	-2.073	-67.03	-6999.	+0.000
2345	-19.36	-15.96	-12.40	-10.06	-08.13	-4.107	-13.43	-15.48	-19.31	-2.061	-67.26	-6999.	+0.000
0000	-19.35	-15.96	-12.40	-10.05	-08.02	-4.222	-13.42	-15.47	-19.30	-2.013	-66.91	-6999.	+0.000
87 330													
0015	-19.35	-15.96	-12.40	-10.03	-07.91	-4.260	-13.40	-15.47	-19.29	-2.038	-66.92	-6999.	+0.000
0030	-19.35	-15.96	-12.40	-10.02	-07.80	-4.147	-13.39	-15.46	-19.28	-1.931	-66.35	-6999.	+0.000
0045	-19.35	-15.96	-12.39	-10.01	-07.70	-4.239	-13.38	-15.45	-19.27	-2.420	-67.10	-6999.	+0.000
0100	-19.35	-15.96	-12.39	-09.99	-07.60	-4.368	-13.37	-15.44	-19.26	-2.475	-67.44	-6999.	+0.000
0115	-19.35	-15.95	-12.39	-09.97	-07.49	-4.439	-13.36	-15.43	-19.25	-2.384	-67.08	-6999.	+0.000
0130	-19.35	-15.95	-12.39	-09.95	-07.39	-4.572	-13.34	-15.43	-19.24	-2.588	-67.49	-6999.	+0.000
0145	-19.34	-15.95	-12.39	-09.93	-07.30	-4.649	-13.33	-15.41	-19.24	-2.265	-66.52	-6999.	+0.000
0200	-19.34	-15.95	-12.38	-09.91	-07.20	-4.697	-13.32	-15.41	-19.22	-2.289	-66.29	-6999.	+0.000
0215	-19.34	-15.94	-12.38	-09.89	-07.11	-4.778	-13.31	-15.39	-19.22	-2.410	-66.49	-6999.	+0.000
0230	-19.34	-15.94	-12.38	-09.86	-07.01	-4.878	-13.29	-15.37	-19.21	-1.473	-66.49	-6999.	+0.000
0245	-19.34	-15.94	-12.38	-09.84	-6.921	-5.007	-13.28	-15.38	-19.20	-1.828	-67.01	-6999.	+0.000
0300	-19.34	-15.94	-12.38	-09.81	-6.832	-5.092	-13.27	-15.37	-19.19	-3.040	-67.58	-6999.	+0.000
0315	-19.34	-15.94	-12.37	-09.78	-6.744	-5.232	-13.26	-15.36	-19.18	-3.315	-68.35	-6999.	+0.000
0330	-19.33	-15.93	-12.37	-09.76	-6.656	-5.276	-13.24	-15.36	-19.17	-2.993	-68.47	-6999.	+0.000
0345	-19.33	-15.93	-12.37	-09.73	-6.576	-5.356	-13.23	-15.35	-19.16	-3.087	-68.50	-6999.	+0.000
0400	-19.33	-15.93	-12.37	-09.70	-6.493	-5.299	-13.22	-15.34	-19.15	-3.134	-68.98	-6999.	+0.000
0415	-19.33	-15.93	-12.37	-09.67	-6.412	-5.393	-13.20	-15.33	-19.14	-3.078	-68.09	-6999.	+0.000
0430	-19.33	-15.93	-12.36	-09.64	-6.333	-5.490	-13.19	-15.32	-19.13	-3.159	-69.14	-6999.	+0.000
0445	-19.32	-15.92	-12.36	-09.61	-6.252	-5.613	-13.18	-15.31	-19.12	-3.283	-69.44	-6999.	+0.000
0500	-19.33	-15.92	-12.36	-09.58	-6.175	-5.710	-13.17	-15.30	-19.11	-3.175	-67.10	-6999.	+0.000
0515	-19.33	-15.92	-12.36	-09.54	-6.099	-5.781	-13.15	-15.29	-19.10	-3.275	-67.08	-6999.	+0.000
0530	-19.33	-15.92	-12.35	-09.51	-6.023	-5.846	-13.14	-15.28	-19.09	-3.287	-67.08	-6999.	+0.000
0545	-19.32	-15.92	-12.35	-09.48	-5.950	-5.956	-13.13	-15.27	-19.08	-3.317	-67.01	-6999.	+0.000
0600	-19.32	-15.91	-12.35	-09.45	-5.877	-5.965	-13.12	-15.26	-19.07	-3.194	-67.01	-6999.	+0.000
0615	-19.31	-15.91	-12.35	-09.41	-5.804	-5.935	-13.11	-15.25	-19.06	-3.114	-67.01	-6999.	+0.000
0630	-19.31	-15.91	-12.34	-09.38	-5.734	-6.027	-13.09	-15.25	-19.06	-3.442	-67.11	-6999.	+0.000
0645	-19.31	-15.91	-12.34	-09.35	-5.663	-6.071	-13.08	-15.24	-19.05	-3.422	-67.11	-6999.	+0.000
0700	-19.31	-15.91	-12.34	-09.31	-5.594	-6.110	-13.07	-15.23	-19.04	-3.332	-67.23	-6999.	+0.000
0715	-19.31	-15.90	-12.33	-09.28	-5.524	-6.146	-13.06	-15.22	-19.03	-2.954	-67.23	-6999.	+0.000
0730	-19.30	-15.90	-12.33	-09.25	-5.453	-6.191	-13.04	-15.21	-19.02	-3.844	-68.04	-6999.	+0.000
0745	-19.31	-15.90	-12.33	-09.21	-5.390	-6.263	-13.03	-15.20	-19.01	-3.107	-67.24	-6999.	+0.000

Time	1.75m 1.0m .5m					1.0m 1.75m 1.75m			Rel. Hum.	Net Rad.	Precip		
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC				Air	
0800	-19.31	-15.90	-12.32	-09.18	-5.324	-6.371	-13.02	-15.19	-19.00	-3.303	-67.27	-6999.	+0.000
0815	-19.31	-15.89	-12.32	-09.14	-5.250	-6.371	-13.01	-15.18	-18.99	-3.007	-67.31	-6999.	+0.000
0830	-19.31	-15.89	-12.31	-09.11	-5.194	-6.152	-12.99	-15.18	-18.98	-2.653	-67.28	-6999.	+0.000
0845	-19.31	-15.89	-12.31	-09.07	-5.219	-5.000	-12.98	-15.18	-18.97	-2.373	-67.00	-6999.	+0.000
0900	-19.31	-15.89	-12.30	-09.04	-5.067	-4.293	-12.97	-15.16	-18.96	-2.112	-66.99	-6999.	+0.000
0915	-19.31	-15.89	-12.30	-09.00	-5.004	-3.199	-12.96	-15.15	-18.95	-2.363	-67.08	-6999.	+0.000
0930	-19.31	-15.89	-12.30	-08.97	-4.945	-2.143	-12.95	-15.14	-18.94	-1.940	-67.06	-6999.	+0.000
0945	-19.30	-15.88	-12.29	-08.93	-4.886	-1.021	-12.94	-15.14	-18.93	-1.348	-67.01	-6999.	+0.000
1000	-19.30	-15.88	-12.29	-08.90	-4.833	-0.173	-12.93	-15.13	-18.92	-0.847	-66.90	-6999.	+0.000
1015	-19.30	-15.88	-12.28	-08.86	-4.785	-1.550	-12.92	-15.12	-18.92	-0.580	-66.81	-6999.	+0.000
1030	-19.30	-15.87	-12.27	-08.83	-4.742	-3.075	-12.92	-15.12	-18.91	-0.099	-67.59	-6999.	+0.000
1045	-19.30	-15.87	-12.27	-08.79	-4.708	-4.377	-12.91	-15.11	-18.90	-0.305	-66.94	-6999.	+0.000
1100	-19.29	-15.87	-12.26	-08.76	-4.680	-5.777	-12.90	-15.10	-18.90	-0.797	-65.47	-6999.	+0.000
1115	-19.29	-15.87	-12.26	-08.72	-4.660	-6.980	-12.90	-15.10	-18.89	-1.127	-64.52	-6999.	+0.000
1130	-19.29	-15.87	-12.25	-08.69	-4.648	-8.41	-12.89	-15.09	-18.89	-1.521	-63.63	-6999.	+0.000
1145	-19.29	-15.86	-12.24	-08.66	-4.644	-9.77	-12.89	-15.09	-18.88	-1.900	-62.26	-6999.	+0.000
1200	-19.29	-15.86	-12.24	-08.62	-4.652	-10.78	-12.89	-15.09	-18.88	-2.192	-60.81	-6999.	+0.000
1215	-19.29	-15.86	-12.23	-08.59	-4.673	-11.67	-12.89	-15.09	-18.88	-2.508	-59.40	-6999.	+0.000
1230	-19.29	-15.85	-12.22	-08.56	-4.718	-12.51	-12.89	-15.08	-18.88	-2.854	-57.74	-6999.	+0.000
1245	-19.28	-15.85	-12.21	-08.53	-4.791	-13.47	-12.96	-15.08	-18.88	-3.077	-56.49	-6999.	+0.000
1300	-19.28	-15.85	-12.21	-08.50	-4.891	-14.34	-12.91	-15.08	-18.88	-3.248	-55.44	-6999.	+0.000
1315	-19.28	-15.85	-12.20	-08.47	-5.017	-15.06	-12.91	-15.09	-18.88	-3.408	-54.61	-6999.	+0.000
1330	-19.28	-15.85	-12.19	-08.44	-5.168	-15.54	-12.92	-15.09	-18.89	-3.705	-53.68	-6999.	+0.000
1345	-19.28	-15.84	-12.18	-08.42	-5.338	-15.96	-12.93	-15.09	-18.89	-4.128	-52.54	-6999.	+0.000
1400	-19.28	-15.84	-12.18	-08.40	-5.527	-16.14	-12.94	-15.10	-18.89	-4.305	-51.41	-6999.	+0.000
1415	-19.27	-15.84	-12.17	-08.38	-5.730	-15.74	-12.96	-15.10	-18.90	-4.100	-50.69	-6999.	+0.000
1430	-19.27	-15.84	-12.16	-08.37	-5.945	-15.50	-12.97	-15.11	-18.91	-4.361	-50.34	-6999.	+0.000
1445	-19.27	-15.83	-12.15	-08.36	-6.166	-15.84	-12.98	-15.11	-18.91	-4.7			

Time	1.75m			1.0m			.5m			.25m			.125m			Surf. PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip		
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m								1.75m	1.0m
	1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	1.0m	1.75m	1.0m												
D 2200	19.24	15.77	11.90	09.08	08.17	-2.397	13.14	15.22	19.02	-1.674	59.81	-6999	0.000											
D 2215	19.24	15.77	11.89	09.09	08.07	-2.644	13.13	15.22	19.02	-1.733	60.08	-6999	0.000											
D 2230	19.23	15.77	11.89	09.11	07.97	-2.818	13.13	15.71	19.01	-1.889	60.61	-6999	0.000											
D 2245	19.23	15.77	11.88	09.12	07.87	-2.963	13.11	15.21	19.01	-2.043	61.19	-6999	0.000											
D 2300	19.23	15.77	11.88	09.13	07.77	-3.138	13.10	15.20	19.00	-2.133	61.65	-6999	0.000											
D 2315	19.23	15.76	11.87	09.13	07.66	-3.238	13.09	15.20	18.99	-2.286	62.17	-6999	0.000											
D 2330	19.23	15.76	11.87	09.14	07.56	-3.486	13.08	15.19	18.99	-2.433	63.35	-6999	0.000											
D 2345	19.23	15.76	11.86	09.14	07.46	-3.641	13.07	15.18	18.98	-2.616	64.98	-6999	0.000											
D 0000	19.23	15.76	11.86	09.14	07.37	-3.838	13.06	15.18	18.97	-2.605	64.94	-6999	0.000											
* 87 331																								
D 0015	19.23	15.75	11.86	09.13	07.27	-3.850	13.05	15.17	18.96	-2.547	64.99	-6999	0.000											
D 0030	19.23	15.75	11.85	09.13	07.17	-3.875	13.04	15.16	18.95	-2.597	65.40	-6999	0.000											
D 0045	19.22	15.75	11.85	09.12	07.08	-4.009	13.03	15.15	18.95	-2.695	66.26	-6999	0.000											
D 0100	19.22	15.75	11.84	09.12	06.98	-4.204	13.02	15.15	18.94	-2.550	67.18	-6999	0.000											
D 0115	19.22	15.75	11.84	09.11	6.899	-4.488	13.00	15.14	18.93	-3.190	68.04	-6999	0.000											
D 0130	19.22	15.74	11.84	09.09	6.810	-4.681	12.99	15.13	18.92	-3.274	69.92	-6999	0.000											
D 0145	19.22	15.74	11.83	09.08	6.723	-4.776	12.98	15.12	18.91	-3.034	70.73	-6999	0.000											
D 0200	19.22	15.74	11.83	09.07	6.637	-4.871	12.97	15.11	18.90	-2.813	69.74	-6999	0.000											
D 0215	19.22	15.74	11.83	09.05	6.550	-4.966	12.96	15.10	18.89	-2.574	67.44	-6999	0.000											
D 0230	19.22	15.74	11.82	09.04	6.463	-5.061	12.95	15.10	18.89	-2.357	67.05	-6999	0.000											
D 0245	19.21	15.73	11.82	09.02	6.389	-5.301	12.94	15.09	18.88	-4.087	67.23	-6999	0.000											
D 0300	19.21	15.73	11.82	09.00	6.308	-5.523	12.92	15.08	18.87	-4.039	67.42	-6999	0.000											
D 0315	19.21	15.73	11.81	08.98	6.229	-5.667	12.91	15.07	18.86	-3.572	67.48	-6999	0.000											
D 0330	19.21	15.73	11.81	08.96	6.151	-5.775	12.90	15.06	18.85	-2.966	67.44	-6999	0.000											
D 0345	19.21	15.72	11.81	08.94	6.074	-5.913	12.89	15.05	18.84	-3.424	67.6	-6999	0.000											
D 0400	19.21	15.72	11.81	08.92	5.999	-6.053	12.88	15.05	18.83	-3.662	67.45	-6999	0.000											
D 0415	19.21	15.72	11.81	08.89	5.924	-6.194	12.87	15.04	18.82	-3.992	67.54	-6999	0.000											
D 0430	19.21	15.72	11.80	08.87	5.850	-6.283	12.86	15.03	18.81	-3.526	67.56	-6999	0.000											
D 0445	19.21	15.72	11.80	08.85	5.773	-6.372	12.85	15.03	18.81	-3.257	67.49	-6999	0.000											
D 0500	19.20	15.71	11.80	08.83	5.705	-6.479	12.83	15.01	18.80	-3.189	67.8	-6999	0.000											
D 0515	19.20	15.71	11.80	08.80	5.630	-6.585	12.82	15.00	18.79	-3.235	67.5	-6999	0.000											
D 0530	19.20	15.71	11.79	08.77	5.559	-6.690	12.81	14.99	18.78	-3.454	67.51	-6999	0.000											
D 0545	19.20	15.70	11.79	08.75	5.486	-6.732	12.80	14.98	18.77	-3.316	67.5	-6999	0.000											
D 0600	19.20	15.70	11.79	08.72	5.415	-6.834	12.79	14.98	18.76	-3.733	67.53	-6999	0.000											
D 0615	19.20	15.70	11.78	08.69	5.344	-6.943	12.77	14.97	18.75	-3.741	67.53	-6999	0.000											
D 0630	19.19	15.70	11.78	08.66	5.274	-7.047	12.76	14.96	18.74	-3.298	67.6	-6999	0.000											
D 0645	19.19	15.70	11.78	08.64	5.204	-7.18	12.75	14.95	18.73	-3.759	67.53	-6999	0.000											
D 0700	19.19	15.69	11.77	08.61	5.135	-7.28	12.74	14.94	18.72	-4.455	67.6	-6999	0.000											
D 0715	19.19	15.69	11.77	08.58	5.065	-7.46	12.72	14.93	18.71	-3.927	67.5	-6999	0.000											
D 0730	19.19	15.69	11.77	08.55	4.994	-7.44	12.71	14.92	18.70	-2.884	67.83	-6999	0.000											
D 0745	19.19	15.69	11.76	08.52	4.928	-7.48	12.70	14.91	18.69	-3.117	67.8	-6999	0.000											
D 0800	19.19	15.68	11.76	08.49	4.859	-7.55	12.69	14.90	18.68	-3.521	67.9	-6999	0.000											
D 0815	19.19	15.68	11.76	08.46	4.791	-7.79	12.67	14.89	18.67	-3.251	68.1	-6999	0.000											
D 0830	19.18	15.68	11.75	08.43	4.723	-7.75	12.66	14.88	18.66	-1.979	68.2	-6999	0.000											
D 0845	19.18	15.68	11.75	08.40	4.655	-7.25	12.65	14.87	18.65	-0.807	68.6	-6999	0.000											
D 0900	19.18	15.67	11.74	08.37	4.589	-5.818	12.64	14.87	18.65	-2.748	67.1	-6999	0.000											
D 0915	19.18	15.67	11.74	08.34	4.522	-4.305	12.63	14.86	18.64	-0.661	67.7	-6999	0.000											
D 0930	19.18	15.67	11.74	08.31	4.456	-2.773	12.62	14.85	18.63	-0.580	67.4	-6999	0.000											
D 0945	19.18	15.67	11.73	08.28	4.391	-1.150	12.61	14.84	18.62	-0.919	67.1	-6999	0.000											
D 1000	19.18	15.66	11.73	08.25	4.333	0.642	12.60	14.84	18.61	-0.818	69.35	-6999	0.000											
D 1015	19.17	15.66	11.72	08.22	4.278	2.648	12.59	14.83	18.60	-1.247	67.32	-6999	0.000											
D 1030	19.17	15.66	11.72	08.18	4.232	4.306	12.58	14.82	18.60	-0.526	66.25	-6999	0.000											
D 1045	19.17	15.65	11.71	08.15	4.194	5.231	12.58	14.82	18.59	-0.568	65.57	-6999	0.000											
D 1100	19.17	15.65	11.71	08.12	4.164	5.531	12.57	14.81	18.58	-0.155	64.73	-6999	0.000											
D 1115	19.17	15.65	11.70	08.09	4.145	6.557	12.57	14.81	18.58	-0.494	65.61	-6999	0.000											
D 1130	19.17	15.64	11.70	08.06	4.135	6.742	12.56	14.80	18.57	-0.707	65.00	-6999	0.000											

Time	1.75m			1.0m			.5m			.25m			.125m			Surf. PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip		
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	1.0m								1.75m	1.0m
	1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC	1.0m	1.75m	1.0m												
D 1145	19.17	15.64	11.69	08.02	4.134	09.15	12.56	14.80	18.57	-0.848	64.36	-6999	0.000											
D 1200	19.16	15.64	11.69	07.99	4.142	09.63	12.56	14.80	18.56	-0.976	64.03	-6999	0.000											
D 1215	19.16	15.64	11.68	07.96	4.165	10.49	12.56	14.79	18.56	-1.380	62.85	-6999	0.000											
D 1230	19.16	15.63	11.67	07.93	4.208	11.20	12.57	14.79	18.56	-1.659	62.02	-6999	0.000											
D 1245	19.16	15.63	11.67	07.90	4.273	12.15	12.57	14.79	18.56	-2.263	60.28	-6999	0.000											
D 1300	19.16	15.63	11.66	07.88	4.364	13.39	12.58	14.79	18.56	-2.726	58.96	-6999	0.000											
D 1315	19.16	15.62	11.65	07.85	4.477	15.02	12.58	14.79	18.56	-3.379	57.38	-6999	0.000											
D 1330	19.15	15.62	11.65	07.83	4.612	16.87	12.58	14.79	18.56	-4.065	54.80	-6999	0.000											
D 1345	19.15	15.62	11.64	07.81	4.764	17.54	12.60	14.80	18.57	-4.087	53.74	-6999	0.000											
D 1400	19.15	15.62	11.63	07.79	4.933	18.09	12.61	14.80	18.57	-4.356	52.55	-6999	0.000											
D 1415	19.15	15.61	11.63	07.77	5.120	18.30	12.62	14.81	18.58	-4.451	51.78	-6999	0.000											
D 1430	19.15	15.61	11.62	07.76	5.323	18.64	12.63	14.82	18.59	-4.695	51.27	-6999	0.000											
D 1445	19.15	15.61	11.61	07.75	5.538	18.99	12.64	14.84	18.60	-4.53	50.53	-6999	0.000											
D 1500	19.14	15.60	11.60	07.74	5.766	19.97	12.66	14.84	18.61	-5.564	49.70	-6999	0.000											
D 1515	19.14	15.60	11.60	07.74	6.002	18.69	12.67	14.84	18.61	-5.991	48.85	-6999	0.000											
D 1530	19.14	15.60	11.59	07.74	6.246	18.16	12.69	14.85	18.62	-6.052	48.65	-6999	0.000											
D 1545	19.14	15.60	11.58	07.75	6.490	17.66	12.71	14.86	18.64	-6.428	47.98	-6999	0.000											
D 1600	19.14	15.59	11.57	07.75	6.733	17.33	12.72	14.86	18.65	-6.721	46.96	-6999	0.000											
D 1615	19.14	15.59	11.56	07.77	6.976	16.64	12.74	14.88	18.66	-6.713	46.47	-6999	0.000											
D 1630	19.14	15.59	11.56	07.78	7.21	15.91	12.75	14.89	18.67	-6.733	46.47	-6999	0.000											
D 1645	19.13	15.59	11.55	07.81	7.44	14.75	12.77	14.90	18.68	-6.900	46.22	-6999	0.000											
D 1700	19.13	15.58	11.54	07.83	7.65	13.52	12.79	14.91	18.69	-6.609	46.40	-6999	0.000											
D 1715	19.13	15.58	11.53	07.86	7.85	12.27	12.80	14.92	18.70	-6.223	46.63	-6999	0.000											
D 1730	19.13	15.58	11.52	07.89	8.04	10.82	12.82	14.93	18.71	-5.552	47.27	-6999	0.000											
D 1745	19.13	1																						

Time	Soil					Surf. Soil	PVC			Air	Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m		1.0m	1.75m	1.0m				
0130	-19.09	-15.50	-11.34	-08.71	+6.809	-3.992	-12.73	-14.93	-18.70	-0.679	+077.5	-6999.	+0.000
0145	-19.09	-15.50	-11.34	-08.70	+6.771	-3.783	-12.72	-14.92	-18.70	-0.116	+077.5	-6999.	+0.000
0200	-19.09	-15.49	-11.34	-08.69	+6.636	-3.443	-12.71	-14.92	-18.69	+0.092	+077.1	-6999.	+0.000
0215	-19.09	-15.49	-11.33	-08.68	+6.554	-3.223	-12.70	-14.91	-18.68	+0.007	+077.3	-6999.	+0.000
0230	-19.09	-15.49	-11.33	-08.67	+6.473	-3.065	-12.69	-14.90	-18.67	+0.250	+077.2	-6999.	+0.000
0245	-19.09	-15.49	-11.33	-08.65	+6.395	-3.050	-12.68	-14.90	-18.67	-0.235	+078.6	-6999.	+0.000
0300	-19.09	-15.48	-11.33	-08.64	+6.317	-3.051	-12.67	-14.89	-18.66	+0.971	+079.3	-6999.	+0.000
0315	-19.08	-15.48	-11.33	-08.62	+6.246	-2.849	-12.66	-14.88	-18.65	+1.371	+078.8	-6999.	+0.000
0330	-19.08	-15.48	-11.33	-08.61	+6.176	-2.888	-12.65	-14.87	-18.64	+0.963	+079.0	-6999.	+0.000
0345	-19.08	-15.48	-11.33	-08.59	+6.110	-3.037	-12.64	-14.87	-18.64	+0.535	+079.9	-6999.	+0.000
0400	-19.08	-15.47	-11.33	-08.57	+6.044	-3.128	-12.64	-14.86	-18.63	+0.286	+080.4	-6999.	+0.000
0415	-19.08	-15.47	-11.33	-08.56	+5.985	-3.159	-12.63	-14.85	-18.62	+0.645	+081.4	-6999.	+0.000
0430	-19.08	-15.47	-11.32	-08.54	+5.925	-3.282	-12.62	-14.84	-18.61	+2.488	+081.0	-6999.	+0.000
0445	-19.08	-15.46	-11.32	-08.52	+5.868	-3.452	-12.61	-14.84	-18.61	+2.691	+080.5	-6999.	+0.000
0500	-19.07	-15.46	-11.32	-08.50	+5.814	-3.483	-12.60	-14.83	-18.60	+2.418	+081.0	-6999.	+0.000
0515	-19.07	-15.46	-11.32	-08.48	+5.761	-3.435	-12.59	-14.83	-18.59	+2.674	+081.4	-6999.	+0.000
0530	-19.07	-15.46	-11.32	-08.46	+5.710	-3.397	-12.58	-14.82	-18.59	+2.964	+081.4	-6999.	+0.000
0545	-19.07	-15.45	-11.32	-08.43	+5.659	-3.611	-12.57	-14.81	-18.58	+2.275	+081.3	-6999.	+0.000
0600	-19.07	-15.45	-11.32	-08.41	+5.609	-3.994	-12.56	-14.80	-18.57	+2.493	+082.7	-6999.	+0.000
0615	-19.07	-15.45	-11.32	-08.39	+5.561	-4.295	-12.55	-14.79	-18.56	+2.222	+083.3	-6999.	+0.000
0630	-19.07	-15.44	-11.32	-08.37	+5.514	-4.574	-12.55	-14.79	-18.55	+1.333	+083.6	-6999.	+0.000
0645	-19.06	-15.44	-11.31	-08.35	+5.467	-4.830	-12.54	-14.78	-18.55	+1.435	+085.0	-6999.	+0.000
0700	-19.06	-15.44	-11.31	-08.33	+5.422	-4.992	-12.52	-14.78	-18.54	+1.948	+085.4	-6999.	+0.000
0715	-19.06	-15.44	-11.31	-08.30	+5.376	-5.000	-12.52	-14.77	-18.53	+2.685	+086.7	-6999.	+0.000
0730	-19.06	-15.43	-11.31	-08.28	+5.329	-4.996	-12.51	-14.76	-18.52	+3.751	+086.7	-6999.	+0.000
0745	-19.06	-15.43	-11.31	-08.26	+5.284	-5.018	-12.50	-14.75	-18.52	+3.438	+086.3	-6999.	+0.000
0800	-19.06	-15.43	-11.30	-08.24	+5.237	-5.159	-12.49	-14.75	-18.51	+4.403	+086.6	-6999.	+0.000
0815	-19.06	-15.43	-11.30	-08.22	+5.190	-5.303	-12.48	-14.74	-18.50	+4.927	+087.1	-6999.	+0.000
0830	-19.06	-15.42	-11.30	-08.19	+5.144	-5.320	-12.47	-14.73	-18.50	+6.589	+086.8	-6999.	+0.000
0845	-19.06	-15.42	-11.30	-08.17	+5.096	-4.762	-12.46	-14.72	-18.49	+10.65	+084.2	-6999.	+0.000
0900	-19.05	-15.42	-11.30	-08.15	+5.049	-3.620	-12.45	-14.72	-18.48	+14.08	+078.8	-6999.	+0.000
0915	-19.05	-15.41	-11.29	-08.13	+5.002	-3.875	-12.44	-14.71	-18.48	+12.12	+076.0	-6999.	+0.000
0930	-19.05	-15.41	-11.29	-08.10	+4.955	-0.853	-12.44	-14.71	-18.47	+12.88	+075.3	-6999.	+0.000
0945	-19.05	-15.41	-11.29	-08.08	+4.908	-1.553	-12.43	-14.71	-18.47	+10.75	+074.4	-6999.	+0.000
1000	-19.05	-15.41	-11.29	-08.06	+4.863	-3.375	-12.42	-14.70	-18.46	+08.72	+072.1	-6999.	+0.000
1015	-19.05	-15.40	-11.28	-08.03	+4.817	-3.721	-12.42	-14.69	-18.45	+3.376	+073.9	-6999.	+0.000
1030	-19.04	-15.38	-11.28	-07.99	+4.774	-3.284	-12.41	-14.68	-18.44	+4.963	+075.4	-6999.	+0.000
1045	-19.04	-15.38	-11.28	-07.99	+4.753	-3.754	-12.41	-14.68	-18.44	+0.934	+075.6	-6999.	+0.000
1100	-19.04	-15.39	-11.27	-07.96	+4.730	-4.291	-12.40	-14.68	-18.44	+1.127	+075.3	-6999.	+0.000
1115	-19.04	-15.39	-11.27	-07.94	+4.716	-6.545	-12.40	-14.67	-18.43	+2.942	+072.8	-6999.	+0.000
1130	-19.04	-15.39	-11.27	-07.92	+4.714	-09.61	-12.40	-14.66	-18.42	+3.412	+69.92	-6999.	+0.000
1145	-19.04	-15.38	-11.26	-07.89	+4.724	-1.150	-12.40	-14.67	-18.43	+3.147	+68.74	-6999.	+0.000
1200	-19.04	-15.38	-11.26	-07.87	+4.751	-13.10	-12.40	-14.67	-18.43	+3.557	+68.30	-6999.	+0.000
1215	-19.03	-15.38	-11.26	-07.85	+4.797	-14.13	-12.40	-14.67	-18.42	+3.897	+67.32	-6999.	+0.000
1230	-19.03	-15.37	-11.25	-07.83	+4.864	-15.29	-12.40	-14.66	-18.42	+4.262	+66.49	-6999.	+0.000
1245	-19.03	-15.37	-11.25	-07.81	+4.954	-16.80	-12.41	-14.66	-18.42	+4.963	+64.87	-6999.	+0.000
1300	-19.03	-15.37	-11.25	-07.79	+5.077	-18.77	-12.41	-14.67	-18.43	+4.616	+64.25	-6999.	+0.000
1315	-19.03	-15.37	-11.24	-07.77	+5.201	-18.23	-12.42	-14.67	-18.43	+4.758	+62.82	-6999.	+0.000
1330	-19.02	-15.36	-11.23	-07.75	+5.354	-18.39	-12.43	-14.67	-18.43	+4.799	+60.85	-6999.	+0.000
1345	-19.02	-15.36	-11.23	-07.74	+5.525	-19.47	-12.44	-14.68	-18.44	+5.448	+59.86	-6999.	+0.000
1400	-19.02	-15.36	-11.22	-07.73	+5.716	-19.99	-12.45	-14.69	-18.45	+5.434	+58.99	-6999.	+0.000
1415	-19.02	-15.35	-11.22	-07.72	+5.920	-20.46	-12.46	-14.70	-18.45	+5.828	+57.61	-6999.	+0.000
1430	-19.02	-15.35	-11.22	-07.71	+6.135	-20.68	-12.48	-14.70	-18.46	+6.295	+56.18	-6999.	+0.000
1445	-19.02	-15.35	-11.21	-07.72	+6.361	-21.33	-12.49	-14.71	-18.47	+6.383	+55.02	-6999.	+0.000
1500	-19.01	-15.34	-11.20	-07.72	+6.591	-20.11	-12.51	-14.72	-18.48	+5.638	+55.21	-6999.	+0.000
1515	-19.01	-15.34	-11.20	-07.73	+6.829	-17.80	-12.52	-14.73	-18.49	+4.954	+55.68	-6999.	+0.000

Time	Soil					Surf. Soil	PVC			Air	Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m		1.0m	1.75m	1.0m				
1530	-19.01	-15.34	-11.19	-07.74	+07.07	-16.34	-12.54	-14.74	-18.50	+5.018	+55.18	-6999.	+0.000
1545	-19.01	-15.34	-11.19	-07.75	+07.31	-15.08	-12.56	-14.75	-18.51	+4.795	+56.05	-6999.	+0.000
1600	-19.01	-15.33	-11.18	-07.77	+07.54	-13.95	-12.58	-14.75	-18.52	+4.732	+57.64	-6999.	+0.000
1615	-19.01	-15.33	-11.17	-07.79	+07.75	-13.37	-12.59	-14.77	-18.53	+4.941	+57.58	-6999.	+0.000
1630	-19.01	-15.33	-11.17	-07.81	+07.96	-13.46	-12.61	-14.78	-18.54	+5.241	+56.66	-6999.	+0.000
1645	-19.01	-15.32	-11.16	-07.84	+08.14	-12.33	-12.63	-14.79	-18.55	+5.444	+57.54	-6999.	+0.000
1700	-19.01	-15.32	-11.16	-07.87	+08.30	-10.87	-12.64	-14.80	-18.56	+4.358	+57.65	-6999.	+0.000
1715	-19.00	-15.32	-11.15	-07.91	+08.45	-10.02	-12.65	-14.81	-18.57	+4.494	+56.95	-6999.	+0.000
1730	-19.00	-15.32	-11.14	-07.95	+08.58	-09.33	-12.66	-14.82	-18.58	+4.108	+57.16	-6999.	+0.000
1745	-19.00	-15.31	-11.14	-07.98	+08.69	-08.09	-12.68	-14.82	-18.59	+3.147	+56.66	-6999.	+0.000
1800	-19.00	-15.31	-11.13	-08.03	+08.78	-6.697	-12.69	-14.83	-18.59	+2.549	+56.96	-6999.	+0.000
1815	-19.00	-15.31	-11.12	-08.07	+08.86	-5.709	-12.69	-14.84	-18.60	+2.226	+56.15	-6999.	+0.000
1830	-19.00	-15.30	-11.12	-08.11	+08.91	-4.900	-12.70	-14.84	-18.60	+2.119	+55.05	-6999.	+0.000
1845	-19.00	-15.30	-11.11	-08.15	+08.95	-4.247	-12.72	-14.85	-18.61	+1.814	+56.53	-6999.	+0.000
1900	-19.00	-15.30	-11.11	-08.20	+08.98	-3.642	-12.73	-14.85	-18.62	+1.532	+57.73	-6999.	+0.000
1915	-18.99	-15.30	-11.10	-08.24	+08.98	-3.140	-12.73	-14.85	-18.62	+1.277	+59.09	-6999.	+0.000
1930	-18.99	-15.30	-11.10	-08.28	+08.97	-2.581	-12.73	-14.86	-18.62	+1.078	+60.79	-6999.	+0.000
1945	-18.99	-15.29	-11.09	-08.33	+08.95	-2.039	-12.73	-14.86	-18.62	+0.928	+63.55	-6999.	+0.000
2000	-18.99	-15.29	-11.09	-08.36	+08.91	-1.451	-12.72	-14.86	-18.62	+0.600	+65.05	-6999.	+0.000
2015	-18.99	-15.29	-11.08	-08.40	+08.87	-0.948	-12.72	-14.86	-18.62	+0.608	+66.55	-6999.	+0.000
2030	-18.99	-15.29	-11.08	-08.44	+08.81	-0.565	-12.71	-14.86	-18.62	+0.449	+67.43	-6999.	+0.000
2045	-18.99	-15.28	-11.07	-08.48	+08.75	-0.205	-12.70	-14.86	-18.62	+0.361	+67.81	-6999.	+0.000
2100	-18.99	-15.28	-11.07	-08.51	+08.68	+0.208	-12.70	-14.86	-18.62	+0.220	+67.59	-6999.	+0.000
2115	-18.99	-15.28	-11.07	-08.54	+08.61	-0.714	-12.69	-14.86	-18.62	+0.261	+68.23	-6999.	+0.000
2130	-18.98	-15.28	-11.06	-08.57	+08.53	-1.124	-12.69	-14.85	-18.61	+0.313	+68.74	-6999.	+0.000
2145	-18.98	-15.27	-11.06	-08.59	+08.44	-1.354	-12.68	-14.85	-18.61	+0.148	+68.67	-6999.	+0.000
2200	-18.98	-15.27	-11.06	-08.62	+08.35	-1.614	-12.67	-14.85	-18.61	+0.661	+68.52	-6999.	+0.000
2215	-												



Time	1.75m			1.0m			1.75m			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC				
0515	-18.95	-15.19	-11.05	-08.47	-5.731	-5.947	-12.38	-14.63	-18.38	+2.778	+080.4	-6999	+0.000
0530	-18.94	-15.19	-11.05	-08.44	-5.658	-5.936	-12.37	-14.62	-18.37	+3.017	+080.8	-6999	+0.000
0545	-18.94	-15.19	-11.05	-08.42	-5.585	-5.961	-12.36	-14.62	-18.36	+2.445	+080.2	-6999	+0.000
0600	-18.94	-15.19	-11.06	-08.39	-5.514	-6.271	-12.35	-14.61	-18.36	+0.842	+080.7	-6999	+0.000
0615	-18.94	-15.18	-11.06	-08.37	-5.443	-6.523	-12.34	-14.60	-18.35	+0.526	+082.8	-6999	+0.000
0630	-18.94	-15.18	-11.06	-08.35	-5.373	-6.602	-12.33	-14.59	-18.34	+0.207	+084.5	-6999	+0.000
0645	-18.94	-15.18	-11.06	-08.32	-5.304	-6.632	-12.32	-14.58	-18.33	+0.462	+085.3	-6999	+0.000
0700	-18.94	-15.18	-11.06	-08.29	-5.237	-6.671	-12.30	-14.58	-18.32	+4.864	+085.2	-6999	+0.000
0715	-18.93	-15.17	-11.06	-08.27	-5.168	-6.692	-12.29	-14.57	-18.31	+5.276	+084.6	-6999	+0.000
0730	-18.93	-15.17	-11.05	-08.24	-5.101	-6.827	-12.28	-14.56	-18.30	+4.807	+084.1	-6999	+0.000
0745	-18.93	-15.17	-11.05	-08.21	-5.034	-6.928	-12.27	-14.55	-18.29	+4.923	+084.6	-6999	+0.000
0800	-18.93	-15.16	-11.05	-08.18	-4.967	-7.05	-12.26	-14.54	-18.28	+4.967	+084.7	-6999	+0.000
0815	-18.93	-15.16	-11.05	-08.16	-4.902	-7.20	-12.25	-14.53	-18.28	+4.447	+085.1	-6999	+0.000
0830	-18.93	-15.16	-11.05	-08.13	-4.836	-7.32	-12.24	-14.52	-18.27	+6.541	+085.2	-6999	+0.000
0845	-18.93	-15.16	-11.05	-08.10	-4.772	-7.42	-12.23	-14.52	-18.26	+10.16	+084.1	-6999	+0.000
0900	-18.93	-15.15	-11.05	-08.07	-4.709	-7.514	-12.22	-14.51	-18.25	+15.73	+081.6	-6999	+0.000
0915	-18.92	-15.15	-11.05	-08.04	-4.644	-7.653	-12.21	-14.50	-18.24	+10.81	+076.2	-6999	+0.000
0930	-18.92	-15.15	-11.05	-08.01	-4.581	-7.77	-12.20	-14.49	-18.24	+0.764	+075.6	-6999	+0.000
0945	-18.92	-15.14	-11.05	-07.98	-4.520	-7.88	-12.19	-14.49	-18.23	+6.982	+075.0	-6999	+0.000
1000	-18.92	-15.14	-11.05	-07.95	-4.463	-8.00	-12.18	-14.48	-18.22	+6.110	+073.2	-6999	+0.000
1015	-18.92	-15.14	-11.04	-07.93	-4.411	-8.12	-12.17	-14.48	-18.21	+4.377	+071.3	-6999	+0.000
1030	-18.91	-15.13	-11.04	-07.89	-4.364	-8.25	-12.16	-14.47	-18.21	+1.885	+072.1	-6999	+0.000
1045	-18.91	-15.13	-11.04	-07.86	-4.325	-8.38	-12.16	-14.46	-18.20	+1.489	+072.3	-6999	+0.000
1100	-18.91	-15.13	-11.04	-07.83	-4.296	-8.51	-12.15	-14.46	-18.19	+1.912	+071.4	-6999	+0.000
1115	-18.91	-15.13	-11.04	-07.80	-4.276	-8.64	-12.15	-14.46	-18.19	+2.381	+068.97	-6999	+0.000
1130	-18.91	-15.13	-11.03	-07.78	-4.264	-8.77	-12.15	-14.45	-18.18	+2.274	+66.87	-6999	+0.000
1145	-18.91	-15.12	-11.03	-07.78	-4.264	-8.90	-12.15	-14.45	-18.18	+3.519	+64.16	-6999	+0.000
1200	-18.90	-15.12	-11.02	-07.72	-4.284	-9.03	-12.15	-14.44	-18.18	+4.265	+65.9	-6999	+0.000
1215	-18.90	-15.11	-11.02	-07.69	-4.325	-9.16	-12.15	-14.45	-18.18	+4.151	+59.52	-6999	+0.000
1230	-18.90	-15.11	-11.02	-07.66	-4.393	-9.29	-12.16	-14.44	-18.18	+4.265	+58.76	-6999	+0.000
1245	-18.90	-15.10	-11.01	-07.63	-4.487	-9.42	-12.16	-14.44	-18.18	+5.027	+55.39	-6999	+0.000
1300	-18.90	-15.10	-11.01	-07.63	-4.608	-9.55	-12.16	-14.44	-18.18	+5.027	+55.39	-6999	+0.000
1315	-18.90	-15.10	-11.01	-07.59	-4.754	-9.68	-12.18	-14.45	-18.19	+5.897	+51.66	-6999	+0.000
1330	-18.89	-15.10	-11.00	-07.57	-4.921	-9.81	-12.19	-14.45	-18.19	+6.326	+49.72	-6999	+0.000
1345	-18.89	-15.09	-11.00	-07.55	-5.108	-9.94	-12.20	-14.46	-18.19	+6.099	+49.76	-6999	+0.000
1400	-18.89	-15.09	-10.99	-07.53	-5.312	-10.07	-12.21	-14.46	-18.20	+6.691	+48.87	-6999	+0.000
1415	-18.89	-15.09	-10.99	-07.51	-5.531	-10.20	-12.21	-14.46	-18.20	+7.08	+47.76	-6999	+0.000
1430	-18.89	-15.09	-10.98	-07.51	-5.760	-10.34	-12.24	-14.48	-18.22	+0.744	+47.36	-6999	+0.000
1445	-18.89	-15.08	-10.98	-07.51	-5.996	-10.48	-12.26	-14.49	-18.23	+0.731	+46.75	-6999	+0.000
1500	-18.88	-15.08	-10.97	-07.51	-6.239	-10.62	-12.27	-14.50	-18.24	+0.73	+46.31	-6999	+0.000
1515	-18.88	-15.08	-10.97	-07.51	-6.484	-10.76	-12.29	-14.51	-18.25	+0.755	+45.98	-6999	+0.000
1530	-18.88	-15.08	-10.97	-07.51	-6.738	-10.90	-12.31	-14.52	-18.26	+0.785	+45.66	-6999	+0.000
1545	-18.88	-15.07	-10.96	-07.53	-6.967	-11.04	-12.33	-14.53	-18.27	+0.82	+45.35	-6999	+0.000
1600	-18.88	-15.07	-10.95	-07.55	-7.20	-11.18	-12.34	-14.54	-18.28	+0.929	+45.04	-6999	+0.000
1615	-18.87	-15.07	-10.94	-07.57	-7.42	-11.32	-12.36	-14.55	-18.30	+0.929	+44.73	-6999	+0.000
1630	-18.87	-15.06	-10.94	-07.59	-7.64	-11.46	-12.38	-14.57	-18.31	+0.901	+44.42	-6999	+0.000
1645	-18.87	-15.06	-10.93	-07.62	-7.88	-11.60	-12.40	-14.58	-18.31	+0.874	+44.11	-6999	+0.000
1700	-18.87	-15.06	-10.93	-07.65	-8.14	-11.74	-12.41	-14.59	-18.33	+0.84	+43.80	-6999	+0.000
1715	-18.87	-15.06	-10.92	-07.68	-8.38	-11.88	-12.43	-14.60	-18.34	+0.814	+43.5	-6999	+0.000
1730	-18.87	-15.05	-10.92	-07.72	-8.62	-12.02	-12.45	-14.61	-18.35	+0.815	+43.25	-6999	+0.000
1745	-18.87	-15.05	-10.91	-07.76	-8.86	-12.16	-12.46	-14.62	-18.36	+0.833	+42.93	-6999	+0.000
1800	-18.87	-15.05	-10.90	-07.80	-9.10	-12.30	-12.47	-14.63	-18.37	+0.854	+42.62	-6999	+0.000
1815	-18.87	-15.05	-10.90	-07.85	-9.34	-12.44	-12.49	-14.63	-18.38	+0.872	+42.31	-6999	+0.000
1830	-18.86	-15.04	-10.89	-07.89	-9.58	-12.58	-12.50	-14.64	-18.39	+0.891	+42.00	-6999	+0.000
1845	-18.86	-15.04	-10.88	-07.94	-9.82	-12.72	-12.51	-14.65	-18.39	+0.91	+41.71	-6999	+0.000
1900	-18.86	-15.04	-10.88	-07.98	-10.06	-12.86	-12.52	-14.66	-18.40	+0.929	+41.41	-6999	+0.000

Time	1.75m			1.0m			1.75m			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC				
1915	-18.86	-15.04	-10.87	-08.03	-9.918	-12.52	-14.66	-18.41	-18.41	+3.754	+44.74	-6999	+0.000
1930	-18.86	-15.04	-10.87	-08.08	-9.94	-12.53	-14.67	-18.41	-18.41	+3.540	+45.03	-6999	+0.000
1945	-18.86	-15.03	-10.86	-08.12	-9.94	-12.53	-14.67	-18.41	-18.41	+3.339	+45.18	-6999	+0.000
2000	-18.86	-15.03	-10.86	-08.17	-9.92	-12.53	-14.67	-18.42	-18.42	+3.044	+45.63	-6999	+0.000
2015	-18.86	-15.03	-10.85	-08.22	-9.88	-12.52	-14.67	-18.42	-18.42	+2.762	+46.27	-6999	+0.000
2030	-18.85	-15.03	-10.85	-08.27	-9.84	-12.52	-14.67	-18.42	-18.42	+2.554	+46.56	-6999	+0.000
2045	-18.85	-15.02	-10.84	-08.33	-9.80	-12.52	-14.68	-18.42	-18.42	+2.360	+46.86	-6999	+0.000
2100	-18.85	-15.02	-10.84	-08.39	-9.76	-12.52	-14.68	-18.42	-18.42	+2.168	+47.19	-6999	+0.000
2115	-18.85	-15.02	-10.83	-08.45	-9.72	-12.52	-14.67	-18.42	-18.42	+2.002	+50.35	-6999	+0.000
2130	-18.85	-15.02	-10.83	-08.40	-9.68	-12.51	-14.67	-18.41	-18.41	+1.985	+51.91	-6999	+0.000
2145	-18.85	-15.01	-10.82	-08.43	-9.64	-12.51	-14.67	-18.41	-18.41	+1.985	+53.46	-6999	+0.000
2200	-18.85	-15.01	-10.82	-08.46	-9.60	-12.50	-14.67	-18.41	-18.41	+1.985	+55.01	-6999	+0.000
2215	-18.85	-15.01	-10.82	-08.49	-9.56	-12.50	-14.66	-18.40	-18.40	+1.985	+56.56	-6999	+0.000
2230	-18.85	-15.01	-10.82	-08.51	-9.52	-12.49	-14.66	-18.40	-18.40	+1.985	+58.11	-6999	+0.000
2245	-18.84	-15.00	-10.82	-08.53	-9.48	-12.48	-14.66	-18.40	-18.40	+1.985	+59.66	-6999	+0.000
2300	-18.84	-15.00	-10.81	-08.56	-9.44	-12.47	-14.65	-18.39	-18.39	+1.985	+61.21	-6999	+0.000
2315	-18.84	-15.00	-10.81	-08.59	-9.40	-12.47	-14.65	-18.39	-18.39	+1.985	+62.76	-6999	+0.000
2330	-18.84	-15.00	-10.81	-08.62	-9.36	-12.46	-14.64	-18.38	-18.38	+1.985	+64.31	-6999	+0.000
2345	-18.84	-14.99	-10.81	-08.65	-9.32	-12.45	-14.64	-18.38	-18.38	+1.985	+65.86	-6999	+0.000
0000	-18.84</												

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m					
0900	-18.79	-14.90	+10.84	+08.16	+5.443	-3.219	+12.16	+14.41	+18.13	-0.294	+57.31	-6999	+0.000
0915	-18.79	-14.90	+10.84	+08.16	+5.393	-2.610	+12.15	+14.40	+18.12	-0.772	+55.04	-6999	+0.000
0930	-18.78	-14.90	+10.84	+08.12	+5.345	-2.188	+12.14	+14.39	+18.12	-0.545	+55.58	-6999	+0.000
0945	-18.78	-14.90	+10.84	+08.10	+5.298	-0.993	+12.13	+14.39	+18.11	-1.688	+54.90	-6999	+0.000
1000	-18.78	-14.89	+10.84	+08.08	+5.253	-1.415	+12.12	+14.38	+18.11	-2.110	+55.01	-6999	+0.000
1015	-18.78	-14.89	+10.84	+08.05	+5.211	-3.866	+12.12	+14.38	+18.10	-3.947	+50.84	-6999	+0.000
1030	-18.78	-14.89	+10.84	+08.01	+5.175	-6.353	+12.11	+14.37	+18.09	-5.201	+47.15	-6999	+0.000
1045	-18.78	-14.89	+10.84	+08.01	+5.143	-8.855	+12.11	+14.37	+18.09	-5.721	+46.27	-6999	+0.000
1100	-18.78	-14.88	+10.84	+07.98	+5.113	-10.09	+12.11	+14.36	+18.08	-6.777	+44.37	-6999	+0.000
1115	-18.77	-14.88	+10.83	+07.96	+5.116	-12.14	+12.10	+14.36	+18.08	-8.59	+38.11	-6999	+0.000
1130	-18.77	-14.87	+10.83	+07.94	+5.127	-13.48	+12.10	+14.36	+18.08	-10.77	+35.79	-6999	+0.000
1145	-18.77	-14.87	+10.83	+07.91	+5.159	-14.78	+12.10	+14.35	+18.08	-12.99	+33.13	-6999	+0.000
1200	-18.77	-14.87	+10.83	+07.89	+5.199	-16.57	+12.10	+14.35	+18.08	-15.26	+30.44	-6999	+0.000
1215	-18.76	-14.87	+10.83	+07.87	+5.292	-17.97	+12.11	+14.35	+18.08	-17.54	+27.74	-6999	+0.000
1230	-18.76	-14.86	+10.83	+07.85	+5.393	-19.05	+12.11	+14.36	+18.08	-19.76	+25.05	-6999	+0.000
1245	-18.76	-14.86	+10.82	+07.83	+5.517	-19.22	+12.12	+14.36	+18.08	-21.97	+22.36	-6999	+0.000
1300	-18.76	-14.86	+10.82	+07.82	+5.664	-18.31	+12.13	+14.36	+18.09	-24.18	+19.66	-6999	+0.000
1315	-18.76	-14.85	+10.82	+07.80	+5.830	-17.68	+12.14	+14.37	+18.09	-26.39	+16.96	-6999	+0.000
1330	-18.76	-14.85	+10.82	+07.79	+6.010	-16.97	+12.15	+14.37	+18.10	-28.60	+14.26	-6999	+0.000
1345	-18.75	-14.85	+10.81	+07.78	+6.204	-17.37	+12.16	+14.38	+18.11	-30.81	+11.56	-6999	+0.000
1400	-18.75	-14.85	+10.81	+07.77	+6.405	-17.83	+12.17	+14.39	+18.11	-33.02	+8.86	-6999	+0.000
1415	-18.75	-14.84	+10.81	+07.77	+6.606	-17.61	+12.19	+14.40	+18.12	-35.23	+6.16	-6999	+0.000
1430	-18.75	-14.84	+10.81	+07.77	+6.807	-16.96	+12.20	+14.40	+18.13	-37.44	+3.46	-6999	+0.000
1445	-18.75	-14.84	+10.81	+07.77	+7.008	-16.31	+12.21	+14.41	+18.14	-39.65	+0.76	-6999	+0.000
1500	-18.75	-14.84	+10.80	+07.78	+7.209	-15.66	+12.23	+14.42	+18.15	-41.86	+0.06	-6999	+0.000
1515	-18.74	-14.84	+10.79	+07.79	+7.410	-15.01	+12.24	+14.43	+18.16	-44.07	+0.00	-6999	+0.000
1530	-18.74	-14.83	+10.79	+07.80	+7.56	-14.18	+12.26	+14.45	+18.17	-46.28	+0.00	-6999	+0.000
1545	-18.74	-14.83	+10.79	+07.82	+7.713	-13.35	+12.27	+14.46	+18.18	-48.49	+0.00	-6999	+0.000
1600	-18.74	-14.83	+10.79	+07.84	+7.866	-12.52	+12.28	+14.46	+18.19	-50.70	+0.00	-6999	+0.000
1615	-18.74	-14.83	+10.78	+07.86	+8.019	-11.69	+12.29	+14.47	+18.20	-52.91	+0.00	-6999	+0.000
1630	-18.74	-14.82	+10.77	+07.89	+8.172	-10.86	+12.31	+14.47	+18.20	-55.12	+0.00	-6999	+0.000
1645	-18.74	-14.82	+10.77	+07.92	+8.325	-10.03	+12.33	+14.48	+18.21	-57.33	+0.00	-6999	+0.000
1700	-18.74	-14.82	+10.77	+07.95	+8.478	-9.20	+12.34	+14.49	+18.22	-59.54	+0.00	-6999	+0.000
1715	-18.73	-14.82	+10.76	+07.98	+8.631	-8.37	+12.34	+14.50	+18.23	-61.75	+0.00	-6999	+0.000
1730	-18.73	-14.81	+10.76	+08.01	+8.784	-7.54	+12.35	+14.51	+18.24	-63.96	+0.00	-6999	+0.000
1745	-18.73	-14.81	+10.75	+08.04	+8.937	-6.71	+12.36	+14.52	+18.24	-66.17	+0.00	-6999	+0.000
1800	-18.73	-14.81	+10.75	+08.08	+9.090	-5.88	+12.36	+14.53	+18.25	-68.38	+0.00	-6999	+0.000
1815	-18.73	-14.81	+10.75	+08.11	+9.243	-5.05	+12.37	+14.53	+18.25	-70.59	+0.00	-6999	+0.000
1830	-18.73	-14.81	+10.74	+08.15	+9.396	-4.22	+12.38	+14.53	+18.26	-72.80	+0.00	-6999	+0.000
1845	-18.73	-14.80	+10.74	+08.18	+9.549	-3.39	+12.38	+14.53	+18.27	-75.01	+0.00	-6999	+0.000
1900	-18.72	-14.80	+10.73	+08.21	+9.702	-2.56	+12.39	+14.54	+18.27	-77.22	+0.00	-6999	+0.000
1915	-18.72	-14.80	+10.73	+08.25	+9.855	-1.73	+12.39	+14.54	+18.27	-79.43	+0.00	-6999	+0.000
1930	-18.72	-14.79	+10.73	+08.28	+10.008	-0.90	+12.39	+14.54	+18.27	-81.64	+0.00	-6999	+0.000
1945	-18.72	-14.79	+10.73	+08.32	+10.161	+0.07	+12.40	+14.54	+18.28	-83.85	+0.00	-6999	+0.000
2000	-18.72	-14.79	+10.72	+08.35	+10.314	+1.24	+12.40	+14.55	+18.28	-86.06	+0.00	-6999	+0.000
2015	-18.72	-14.79	+10.72	+08.38	+10.467	+2.41	+12.40	+14.54	+18.28	-88.27	+0.00	-6999	+0.000
2030	-18.71	-14.79	+10.72	+08.41	+10.620	+3.58	+12.40	+14.55	+18.28	-90.48	+0.00	-6999	+0.000
2045	-18.71	-14.79	+10.72	+08.44	+10.773	+4.75	+12.40	+14.55	+18.28	-92.69	+0.00	-6999	+0.000
2100	-18.71	-14.78	+10.71	+08.47	+10.926	+5.92	+12.40	+14.55	+18.28	-94.90	+0.00	-6999	+0.000
2115	-18.71	-14.78	+10.71	+08.50	+11.079	+7.09	+12.40	+14.55	+18.29	-97.11	+0.00	-6999	+0.000
2130	-18.71	-14.78	+10.71	+08.52	+11.232	+8.26	+12.40	+14.55	+18.29	-99.32	+0.00	-6999	+0.000
2145	-18.71	-14.78	+10.71	+08.55	+11.385	+9.43	+12.40	+14.55	+18.29	-101.53	+0.00	-6999	+0.000
2200	-18.71	-14.77	+10.71	+08.57	+11.538	+10.60	+12.40	+14.55	+18.28	-103.74	+0.00	-6999	+0.000
2215	-18.70	-14.77	+10.70	+08.59	+11.691	+11.77	+12.40	+14.55	+18.28	-105.95	+0.00	-6999	+0.000
2230	-18.70	-14.77	+10.70	+08.61	+11.844	+12.94	+12.40	+14.55	+18.28	-108.16	+0.00	-6999	+0.000
2245	-18.70	-14.77	+10.70	+08.63	+12.000	+14.11	+12.40	+14.55	+18.28	-110.37	+0.00	-6999	+0.000

Time	1.75m 1.0m .5m .25m .125m Surf.					1.0m 1.75m 1.75m			Air	Rel. Hum.	Net Rad.	Precip	
	Soil	Soil	Soil	Soil	Soil	PVC 1.0m	PVC 1.75m	PVC 1.0m					
2200	-18.70	-14.77	+10.70	+08.65	+12.153	+15.28	+12.39	+14.55	+18.28	-112.58	+62.59	-6999	+0.000
2215	-18.70	-14.76	+10.70	+08.66	+12.306	+16.45	+12.39	+14.55	+18.28	-114.79	+60.00	-6999	+0.000
2230	-18.70	-14.76	+10.70	+08.68	+12.459	+17.62	+12.39	+14.55	+18.28	-117.00	+57.41	-6999	+0.000
2245	-18.70	-14.76	+10.70	+08.69	+12.612	+18.79	+12.39	+14.55	+18.28	-119.21	+54.82	-6999	+0.000
0000	-18.69	-14.76	+10.70	+08.71	+12.765	+19.96	+12.39	+14.54	+18.28	-121.42	+52.23	-6999	+0.000
0000	-18.69	-14.76	+10.70	+08.71	+12.918	+21.13	+12.39	+14.54	+18.28	-123.63	+49.64	-6999	+0.000
0015	-18.69	-14.75	+10.71	+08.72	+13.071	+22.30	+12.39	+14.54	+18.28	-125.84	+47.05	-6999	+0.000
0030	-18.69	-14.75	+10.71	+08.73	+13.224	+23.47	+12.38	+14.54	+18.28	-128.05	+44.46	-6999	+0.000
0045	-18.69	-14.75	+10.71	+08.74	+13.377	+24.64	+12.38	+14.54	+18.27	-130.26	+41.87	-6999	+0.000
0100	-18.69	-14.75	+10.71	+08.75	+13.530	+25.81	+12.38	+14.54	+18.27	-132.47	+39.28	-6999	+0.000
0115	-18.69	-14.74	+10.71	+08.76	+13.683	+26.98	+12.38	+14.54	+18.27	-134.68	+36.69	-6999	+0.000
0130	-18.69	-14.74	+10.71	+08.77	+13.836	+28.15	+12.38	+14.53	+18.27	-136.89	+34.10	-6999	+0.000
0145	-18.68	-14.74	+10.71	+08.78	+13.989	+29.32	+12.38	+14.53	+18.27	-139.10	+31.51	-6999	+0.000
0160	-18.68	-14.74	+10.71	+08.79	+14.142	+30.49	+12.38	+14.53	+18.27	-141.31	+28.92	-6999	+0.000
0175	-18.68	-14.74	+10.71	+08.80	+14.295	+31.66	+12.38	+14.53	+18.27	-143.52	+26.33	-6999	+0.000
0190	-18.68	-14.73	+10.72	+08.79	+14.448	+32.83	+12.37	+14.53	+18.26	-145.73	+23.74	-6999	+0.000
0200	-18.68	-14.73	+10.72	+08.80	+14.601	+34.00	+12.37	+14.53	+18.26	-147.94	+21.15	-6999	+0.000
0215	-18.68	-14.73	+10.72	+08.81	+14.754	+35.17	+12.37	+14.53	+18.26	-150.15	+18.56	-6999	+0.000
0230	-18.68	-14.73	+10.72	+08.82	+14.907	+36.34	+12.37	+14.53	+18.26	-152.36	+15.97	-6999	+0.000
0245	-18.68	-14.73	+10.72	+08.83	+15.060	+37.51	+12.37	+14.53	+18.26	-154.57	+13.38	-6999	+0.000
0300	-18.68	-14.73	+10.72	+08.84	+15.213	+38.68	+12.37	+14.53	+18.26	-156.78	+10.79	-6999	+0.000
0315	-18.68	-14.73	+10.72	+08.85	+15.366	+39.85	+12.37	+14.53	+18.26	-158.99	+8.20	-6999	+0.000
0330	-18.67	-14.72	+10.72	+08.86	+15.519	+41.02	+12.37	+14.53	+18.26	-161.20	+5.61	-6999	+0.000
0345	-18.67	-14.72	+10.73	+08.87	+15.672	+42.19	+12.37	+14.53	+18.26	-163.41	+3.02	-6999	+0.000
0400	-18.67	-14.72	+10.73	+08.88	+15.825	+43.36	+12.36	+14.53	+18.26	-165.62	+0.43	-6999	+0.000
0415	-18.67	-14.72	+10.73	+08.89	+15.978	+44.53	+12.36	+14.53	+18.26	-167.83	+0.00	-6999	+0.000
0430	-18.67	-14.72	+10.73	+08.90	+16.131	+45.70	+12.36	+14.53	+18.26	-170.			

Time	1.75m			1.0m			.75m			Surf. PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
1245	-18.62	-14.64	-10.80	-08.68	-07.74	-15.86	-11.30	-14.45	-18.17	-10.48	-52.40	-6999	+0.000			
1300	-18.62	-14.64	-10.80	-08.67	-07.86	-15.69	-12.31	-14.45	-18.18	-11.07	-51.34	-6999	+0.000			
1315	-18.61	-14.64	-10.80	-08.67	-08.00	-17.41	-12.32	-14.46	-18.18	-12.30	-49.23	-6999	+0.000			
1330	-18.61	-14.63	-10.81	-08.67	-08.14	-20.75	-12.33	-14.46	-18.19	-13.05	-47.87	-6999	+0.000			
1345	-18.61	-14.63	-10.81	-08.67	-08.28	-22.08	-12.34	-14.47	-18.19	-12.81	-47.29	-6999	+0.000			
1400	-18.61	-14.63	-10.81	-08.68	-08.43	-21.79	-12.35	-14.47	-18.20	-12.71	-47.32	-6999	+0.000			
1415	-18.61	-14.63	-10.81	-08.68	-08.57	-20.56	-12.36	-14.48	-18.21	-12.59	-47.74	-6999	+0.000			
1430	-18.60	-14.62	-10.81	-08.69	-08.72	-20.93	-12.37	-14.49	-18.21	-12.97	-47.56	-6999	+0.000			
1445	-18.60	-14.62	-10.81	-08.70	-08.87	-21.00	-12.39	-14.49	-18.22	-13.11	-46.93	-6999	+0.000			
1500	-18.60	-14.62	-10.81	-08.71	-09.04	-22.84	-12.40	-14.50	-18.23	-13.74	-46.26	-6999	+0.000			
1515	-18.60	-14.62	-10.81	-08.73	-09.20	-21.64	-12.42	-14.51	-18.24	-13.99	-47.16	-6999	+0.000			
1530	-18.60	-14.61	-10.81	-08.75	-09.42	-20.91	-12.44	-14.52	-18.25	-11.82	-48.14	-6999	+0.000			
1545	-18.59	-14.61	-10.81	-08.77	-09.54	-19.51	-12.46	-14.53	-18.26	-11.48	-48.78	-6999	+0.000			
1600	-18.59	-14.61	-10.81	-08.79	-09.71	-18.13	-12.47	-14.54	-18.27	-11.25	-49.13	-6999	+0.000			
1615	-18.60	-14.61	-10.81	-08.82	-09.88	-16.37	-12.50	-14.55	-18.28	-10.85	-48.35	-6999	+0.000			
1745	-18.59	-14.60	-10.81	-09.01	-10.55	-11.30	-12.56	-14.60	-18.34	-09.57	-50.84	-6999	+0.000			
1800	-18.59	-14.61	-10.81	-08.88	-10.19	-14.58	-12.54	-14.56	-18.29	-10.82	-48.26	-6999	+0.000			
1700	-18.59	-14.60	-10.81	-08.91	-10.33	-13.72	-12.53	-14.56	-18.30	-10.13	-49.03	-6999	+0.000			
1715	-18.59	-14.60	-10.81	-08.94	-10.46	-12.68	-12.55	-14.58	-18.32	-09.75	-50.05	-6999	+0.000			
1730	-18.59	-14.60	-10.81	-08.98	-10.57	-11.90	-12.57	-14.59	-18.32	-09.60	-50.50	-6999	+0.000			
1900	-18.59	-14.59	-10.81	-09.22	-10.86	-08.74	-12.61	-14.65	-18.38	-08.83	-51.48	-6999	+0.000			
1800	-18.59	-14.59	-10.81	-09.05	-10.72	-10.84	-12.60	-14.60	-18.34	-09.43	-51.25	-6999	+0.000			
1815	-18.58	-14.59	-10.81	-09.09	-10.78	-10.36	-12.58	-14.61	-18.34	-08.99	-52.62	-6999	+0.000			
1830	-18.58	-14.59	-10.81	-09.13	-10.82	-09.66	-12.61	-14.62	-18.35	-08.76	-53.53	-6999	+0.000			
1845	-18.58	-14.59	-10.81	-09.17	-10.84	-09.06	-12.59	-14.62	-18.35	-08.84	-52.77	-6999	+0.000			
1900	-18.58	-14.59	-10.81	-09.22	-10.86	-08.74	-12.61	-14.63	-18.36	-08.92	-51.48	-6999	+0.000			
1915	-18.58	-14.59	-10.81	-09.26	-10.88	-08.44	-12.62	-14.63	-18.36	-08.78	-53.29	-6999	+0.000			
1930	-18.58	-14.58	-10.82	-09.30	-10.85	-08.18	-12.62	-14.63	-18.37	-09.00	-51.73	-6999	+0.000			
1945	-18.58	-14.59	-10.82	-09.34	-10.84	-08.10	-12.63	-14.64	-18.37	-08.72	-51.97	-6999	+0.000			
2000	-18.57	-14.58	-10.82	-09.38	-10.81	-07.91	-12.61	-14.64	-18.37	-08.89	-51.40	-6999	+0.000			
2015	-18.57	-14.58	-10.82	-09.41	-10.78	-07.63	-12.61	-14.65	-18.38	-08.83	-51.71	-6999	+0.000			
2030	-18.57	-14.58	-10.82	-09.47	-10.74	-07.34	-12.63	-14.64	-18.38	-08.94	-50.93	-6999	+0.000			
2045	-18.57	-14.57	-10.82	-09.48	-10.70	-6.962	-12.63	-14.65	-18.38	-08.69	-51.59	-6999	+0.000			
2100	-18.57	-14.57	-10.83	-09.52	-10.66	-6.802	-12.62	-14.65	-18.38	-08.82	-50.72	-6999	+0.000			
2115	-18.57	-14.57	-10.83	-09.54	-10.61	-6.687	-12.63	-14.64	-18.38	-08.79	-50.26	-6999	+0.000			
2130	-18.56	-14.57	-10.83	-09.57	-10.56	-6.471	-12.61	-14.65	-18.38	-08.92	-49.30	-6999	+0.000			
2145	-18.55	-14.57	-10.83	-09.60	-10.51	-6.437	-12.61	-14.65	-18.38	-09.49	-47.15	-6999	+0.000			
2200	-18.57	-14.57	-10.84	-09.63	-10.46	-6.598	-12.61	-14.65	-18.37	-09.46	-46.96	-6999	+0.000			
2215	-18.56	-14.56	-10.84	-09.65	-10.40	-6.568	-12.63	-14.65	-18.37	-09.11	-47.70	-6999	+0.000			
2230	-18.56	-14.56	-10.84	-09.67	-10.35	-6.450	-12.60	-14.64	-18.37	-08.98	-48.26	-6999	+0.000			
2245	-18.56	-14.56	-10.85	-09.69	-10.30	-6.434	-12.63	-14.64	-18.37	-09.04	-48.92	-6999	+0.000			
2300	-18.56	-14.56	-10.85	-09.71	-10.24	-6.387	-12.60	-14.64	-18.37	-09.16	-49.09	-6999	+0.000			
2315	-18.56	-14.56	-10.85	-09.73	-10.19	-6.302	-12.61	-14.64	-18.37	-08.97	-49.60	-6999	+0.000			
2330	-18.56	-14.56	-10.86	-09.74	-10.14	-6.024	-12.60	-14.64	-18.37	-08.63	-50.39	-6999	+0.000			
2345	-18.55	-14.55	-10.86	-09.75	-10.08	-5.704	-12.60	-14.64	-18.36	-08.61	-50.49	-6999	+0.000			
0000	-18.55	-14.55	-10.86	-09.76	-10.03	-5.543	-12.59	-14.64	-18.37	-08.58	-50.67	-6999	+0.000			
87 336																
0015	-18.55	-14.55	-10.87	-09.77	-09.98	-5.537	-12.59	-14.63	-18.36	-08.97	-49.98	-6999	+0.000			
0030	-18.55	-14.55	-10.88	-09.79	-09.94	-5.218	-12.59	-14.63	-18.36	-08.55	-50.51	-6999	+0.000			
0045	-18.55	-14.55	-10.88	-09.79	-09.88	-5.140	-12.58	-14.63	-18.36	-08.85	-50.90	-6999	+0.000			
0100	-18.55	-14.55	-10.89	-09.80	-09.84	-5.283	-12.58	-14.63	-18.36	-08.73	-51.71	-6999	+0.000			
0115	-18.55	-14.54	-10.89	-09.80	-09.79	-5.312	-12.58	-14.63	-18.35	-08.92	-52.20	-6999	+0.000			
0130	-18.55	-14.54	-10.90	-09.81	-09.74	-5.440	-12.57	-14.62	-18.35	-09.08	-52.57	-6999	+0.000			
0145	-18.54	-14.54	-10.90	-09.81	-09.69	-5.549	-12.57	-14.62	-18.34	-08.97	-53.01	-6999	+0.000			
0200	-18.54	-14.54	-10.91	-09.82	-09.64	-5.504	-12.57	-14.62	-18.34	-08.89	-53.93	-6999	+0.000			
0215	-18.54	-14.54	-10.91	-09.82	-09.59	-5.640	-12.56	-14.61	-18.33	-08.93	-54.18	-6999	+0.000			

Time	1.75m			1.0m			.75m			Surf. PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil								
0230	-18.54	-14.54	-10.92	-09.82	-09.55	-5.650	-12.56	-14.61	-18.33	-08.57	-56.04	-6999	+0.000			
0245	-18.53	-14.53	-10.92	-09.82	-09.50	-5.589	-12.56	-14.61	-18.33	-08.55	-57.12	-6999	+0.000			
0300	-18.54	-14.53	-10.93	-09.82	-09.46	-5.645	-12.55	-14.60	-18.33	-08.75	-56.56	-6999	+0.000			
0315	-18.53	-14.53	-10.93	-09.82	-09.42	-5.549	-12.55	-14.60	-18.33	-08.74	-56.47	-6999	+0.000			
0330	-18.53	-14.53	-10.94	-09.81	-09.38	-5.560	-12.54	-14.60	-18.32	-08.87	-56.30	-6999	+0.000			
0345	-18.53	-14.53	-10.95	-09.81	-09.34	-5.533	-12.54	-14.60	-18.32	-08.94	-56.60	-6999	+0.000			
0400	-18.53	-14.52	-10.95	-09.81	-09.31	-5.583	-12.54	-14.59	-18.31	-08.91	-55.83	-6999	+0.000			
0415	-18.53	-14.53	-10.96	-09.81	-09.28	-5.703	-12.54	-14.59	-18.31	-09.00	-55.60	-6999	+0.000			
0430	-18.53	-14.52	-10.96	-09.80	-09.24	-5.885	-12.53	-14.58	-18.31	-08.96	-56.06	-6999	+0.000			
0445	-18.52	-14.52	-10.97	-09.80	-09.21	-5.980	-12.53	-14.58	-18.31	-08.70	-56.96	-6999	+0.000			
0500	-18.52	-14.52	-10.97	-09.79	-09.18	-5.853	-12.50	-14.58	-18.31	-09.16	-58.09	-6999	+0.000			
0515	-18.52	-14.51	-10.97	-09.79	-09.15	-5.720	-12.53	-14.58	-18.30	-08.34	-59.11	-6999	+0.000			
0530	-18.52	-14.51	-10.98	-09.78	-09.12	-5.608	-12.52	-14.58	-18.30	-08.29	-59.99	-6999	+0.000			
0545	-18.52	-14.51	-10.99	-09.77	-09.09	-5.505	-12.52	-14.57	-18.29	-08.30	-59.98	-6999	+0.000			
0600	-18.52	-14.51	-10.99	-09.77	-09.08	-5.443	-12.52	-14.57	-18.29	-08.38	-60.34	-6999	+0.000			
0615	-18.51	-14.51	-11.00	-09.76	-09.05	-5.503	-12.51	-14.57	-18.29	-08.31	-61.03	-6999	+0.000			
0630	-18.51	-14.50	-11.00	-09.76	-09.03	-5.404	-12.51	-14.57	-18.29	-08.11	-60.90	-6999	+0.000			
0645	-18.51	-14.50	-11.01	-09.75	-09.01	-5.196	-12.51	-14.57	-18.28	-08.13	-61.25	-6999	+0.000			
0700	-18.51	-14.50	-11.01	-09.74	-08.98	-4.958	-12.51	-14.56	-18.28	-08.13	-61.30	-6999	+0.000			
0715	-18.51	-14.50	-11.02	-09.74	-08.96	-4.933	-12.50	-14.56	-18.28	-08.20	-61.41	-6999	+0.000			
0730	-18.51	-14.50	-11.02	-09.73	-08.94	-5.006	-12.50	-14.56	-18.28	-08.45	-60.75	-6999	+0.000			
0745	-18.51	-14.50	-11.03	-09.73	-08.92	-5.072	-12.50	-14.55	-18.27	-08.37	-60.72	-6999	+0.000			
0800	-18.50	-14.49	-11.03	-09.72	-08.90	-5.127	-12.49	-14.55	-18.27	-08.47	-60.53	-6999	+0.000			
0815	-18.50	-14.49	-11.04	-09.71	-08.88	-5.094	-12.49	-14.55	-18.27	-08.44	-60.38	-6999	+0.000			
0830	-18.50	-14.49	-11.04	-09.70	-08.85	-5.057	-12.49	-14.55	-18.26	-08.47	-60.46	-6999	+0.000			
0845	-18.50	-14.49	-11.04	-09.69	-08.83	-5.226	-12.49	-14.54	-18.26	-08.71	-60.28	-6999	+0.000			
0900	-18.50	-14.49	-11.05	-09.69	-08.81	-5.697	-12.49	-14.54	-18.26	-08.85	-60.25	-6999	+0.000			
0915	-18.50	-14.49	-11.05	-09.68	-08.79	-6.02										



Time	1.75m			1.0m			.5m			.25m			.125m			Surf.			PVC			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil				
D 1615	-18.45	-14.45	-11.13	-09.63	-10.27	-17.15	-12.62	-14.60	-18.31	-12.32	-52.02	-6999	+0.000												
D 1630	-18.45	-14.44	-11.14	-09.64	-10.41	-16.28	-12.63	-14.60	-18.32	-11.83	-52.63	-6999	+0.000												
D 1645	-18.45	-14.44	-11.14	-09.67	-10.54	-15.31	-12.64	-14.61	-18.33	-11.45	-52.80	-6999	+0.000												
D 1700	-18.45	-14.44	-11.14	-09.68	-10.67	-14.25	-12.65	-14.62	-18.34	-11.26	-52.71	-6999	+0.000												
D 1715	-18.45	-14.44	-11.14	-09.70	-10.78	-13.38	-12.65	-14.62	-18.34	-10.89	-52.92	-6999	+0.000												
D 1730	-18.45	-14.44	-11.14	-09.73	-10.88	-12.72	-12.66	-14.63	-18.35	-11.07	-53.09	-6999	+0.000												
D 1745	-18.45	-14.44	-11.14	-09.75	-10.96	-12.09	-12.68	-14.64	-18.36	-10.76	-53.74	-6999	+0.000												
D 1800	-18.44	-14.44	-11.14	-09.78	-11.03	-11.43	-12.69	-14.64	-18.36	-10.61	-54.18	-6999	+0.000												
D 1815	-18.44	-14.43	-11.15	-09.81	-11.09	-10.81	-12.69	-14.65	-18.37	-10.42	-55.11	-6999	+0.000												
D 1830	-18.44	-14.43	-11.14	-09.84	-11.14	-10.44	-12.70	-14.65	-18.38	-10.26	-55.30	-6999	+0.000												
D 1845	-18.44	-14.43	-11.15	-09.87	-11.17	-10.04	-12.71	-14.66	-18.38	-10.78	-54.38	-6999	+0.000												
D 1900	-18.44	-14.43	-11.15	-09.90	-11.19	-09.63	-12.71	-14.66	-18.39	-10.82	-54.27	-6999	+0.000												
D 1915	-18.43	-14.43	-11.15	-09.93	-11.20	-09.31	-12.72	-14.67	-18.39	-10.77	-54.18	-6999	+0.000												
D 1930	-18.43	-14.43	-11.15	-09.96	-11.20	-08.93	-12.72	-14.67	-18.39	-10.45	-54.93	-6999	+0.000												
D 1945	-18.43	-14.43	-11.15	-09.99	-11.20	-08.58	-12.73	-14.67	-18.40	-10.26	-55.47	-6999	+0.000												
D 2000	-18.43	-14.43	-11.15	-10.02	-11.18	-08.45	-12.73	-14.68	-18.40	-10.37	-54.87	-6999	+0.000												
D 2015	-18.42	-14.43	-11.16	-10.05	-11.16	-08.56	-12.73	-14.67	-18.40	-11.04	-53.11	-6999	+0.000												
D 2030	-18.42	-14.43	-11.16	-10.08	-11.14	-08.86	-12.73	-14.68	-18.40	-11.14	-53.19	-6999	+0.000												
D 2045	-18.42	-14.42	-11.16	-10.10	-11.11	-09.09	-12.73	-14.70	-18.40	-11.13	-53.36	-6999	+0.000												
D 2100	-18.42	-14.42	-11.16	-10.13	-11.08	-09.08	-12.74	-14.70	-18.40	-10.71	-54.44	-6999	+0.000												
D 2115	-18.42	-14.42	-11.17	-10.15	-11.05	-08.95	-12.74	-14.70	-18.40	-10.42	-55.44	-6999	+0.000												
D 2130	-18.42	-14.42	-11.17	-10.17	-11.02	-08.83	-12.74	-14.69	-18.40	-10.48	-55.31	-6999	+0.000												
D 2145	-18.42	-14.42	-11.17	-10.20	-10.99	-08.70	-12.74	-14.69	-18.40	-10.73	-54.40	-6999	+0.000												
D 2200	-18.42	-14.42	-11.17	-10.22	-10.95	-08.55	-12.74	-14.69	-18.40	-10.83	-54.16	-6999	+0.000												
D 2215	-18.42	-14.42	-11.18	-10.23	-10.92	-08.31	-12.74	-14.69	-18.40	-10.36	-55.30	-6999	+0.000												
D 2230	-18.42	-14.42	-11.18	-10.25	-10.89	-07.93	-12.74	-14.69	-18.40	-10.08	-55.49	-6999	+0.000												
D 2245	-18.42	-14.42	-11.19	-10.27	-10.86	-07.52	-12.74	-14.69	-18.40	-09.80	-56.00	-6999	+0.000												
D 2300	-18.42	-14.41	-11.19	-10.28	-10.83	-07.10	-12.74	-14.69	-18.40	-09.69	-56.11	-6999	+0.000												
D 2315	-18.41	-14.41	-11.19	-10.30	-10.80	-6.651	-12.74	-14.68	-18.40	-09.51	-56.35	-6999	+0.000												
D 2330	-18.41	-14.41	-11.19	-10.31	-10.77	-6.268	-12.73	-14.68	-18.40	-09.20	-56.81	-6999	+0.000												
D 2345	-18.41	-14.41	-11.20	-10.32	-10.74	-5.846	-12.73	-14.69	-18.39	-09.15	-57.33	-6999	+0.000												
D 0000	-18.41	-14.41	-11.20	-10.33	-10.71	-5.897	-12.73	-14.68	-18.39	-09.01	-57.48	-6999	+0.000												
* 87 337																									
D 0015	-18.41	-14.41	-11.21	-10.35	-10.67	-5.697	-12.73	-14.68	-18.39	-09.19	-57.23	-6999	+0.000												
D 0030	-18.41	-14.41	-11.21	-10.36	-10.63	-5.504	-12.73	-14.68	-18.39	-09.06	-57.63	-6999	+0.000												
D 0045	-18.41	-14.41	-11.21	-10.37	-10.60	-5.309	-12.73	-14.68	-18.39	-08.98	-58.04	-6999	+0.000												
D 0100	-18.40	-14.41	-11.22	-10.37	-10.54	-4.865	-12.72	-14.67	-18.38	-08.46	-59.31	-6999	+0.000												
D 0115	-18.40	-14.41	-11.22	-10.38	-10.50	-4.536	-12.72	-14.67	-18.38	-08.38	-60.36	-6999	+0.000												
D 0130	-18.40	-14.41	-11.23	-10.38	-10.46	-4.444	-12.72	-14.67	-18.38	-08.25	-61.16	-6999	+0.000												
D 0145	-18.40	-14.40	-11.23	-10.39	-10.43	-4.305	-12.72	-14.67	-18.37	-08.38	-61.15	-6999	+0.000												
D 0200	-18.40	-14.40	-11.23	-10.39	-10.40	-4.131	-12.71	-14.66	-18.37	-08.37	-61.15	-6999	+0.000												
D 0215	-18.40	-14.40	-11.24	-10.40	-10.31	-4.104	-12.70	-14.66	-18.37	-08.65	-60.30	-6999	+0.000												
D 0230	-18.39	-14.40	-11.25	-10.40	-10.25	-3.915	-12.70	-14.65	-18.36	-08.27	-61.58	-6999	+0.000												
D 0245	-18.39	-14.40	-11.25	-10.40	-10.20	-3.726	-12.70	-14.65	-18.36	-08.03	-62.41	-6999	+0.000												
D 0300	-18.39	-14.40	-11.26	-10.40	-10.15	-3.537	-12.70	-14.65	-18.35	-07.64	-63.14	-6999	+0.000												
D 0315	-18.39	-14.40	-11.26	-10.40	-10.10	-3.334	-12.69	-14.64	-18.34	-07.55	-64.11	-6999	+0.000												
D 0330	-18.39	-14.40	-11.27	-10.40	-10.04	-3.148	-12.68	-14.63	-18.34	-07.56	-64.41	-6999	+0.000												
D 0345	-18.39	-14.39	-11.27	-10.39	-09.99	-2.967	-12.68	-14.63	-18.33	-07.56	-64.07	-6999	+0.000												
D 0400	-18.39	-14.39	-11.28	-10.39	-09.93	-2.797	-12.67	-14.63	-18.33	-07.73	-63.30	-6999	+0.000												
D 0415	-18.39	-14.40	-11.28	-10.39	-09.88	-2.627	-12.67	-14.63	-18.33	-07.87	-61.54	-6999	+0.000												
D 0430	-18.38	-14.40	-11.28	-10.39	-09.82	-2.492	-12.66	-14.62	-18.32	-08.00	-60.11	-6999	+0.000												
D 0445	-18.38	-14.39	-11.29	-10.38	-09.77	-2.516	-12.66	-14.61	-18.32	-07.72	-60.54	-6999	+0.000												
D 0500	-18.38	-14.39	-11.29	-10.37	-09.71	-2.301	-12.65	-14.60	-18.31	-07.68	-60.47	-6999	+0.000												
D 0515	-18.38	-14.39	-11.30	-10.37	-09.65	-2.177	-12.65	-14.60	-18.31	-07.62	-60.14	-6999	+0.000												
D 0530	-18.37	-14.39	-11.30	-10.36	-09.60	-2.091	-12.65	-14.60	-18.30	-07.74	-59.68	-6999	+0.000												
D 0545	-18.38	-14.39	-11.31	-10.35	-09.54	-1.985	-12.64	-14.59	-18.29	-07.36	-60.11	-6999	+0.000												

Time	1.75m			1.0m			.5m			.25m			.125m			Surf.			PVC			Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil					
D 0600	-18.37	-14.39	-11.31	-10.34	-09.49	-1.778	-12.63	-14.59	-18.28	-07.07	-60.19	-6999	+0.000												
D 0615	-18.37	-14.39	-11.32	-10.33	-09.43	-1.520	-12.63	-14.58	-18.28	-6.889	-60.52	-6999	+0.000												
D 0630	-18.37	-14.39	-11.33	-10.33	-09.38	-1.474	-12.62	-14.58	-18.28	-6.915	-60.04	-6999	+0.000												
D 0645	-18.37	-14.39	-11.33	-10.32	-09.32	-1.424	-12.62	-14.57	-18.27	-6.794	-59.62	-6999	+0.000												
D 0700	-18.37	-14.39	-11.33	-10.32	-09.27	-1.353	-12.61	-14.56	-18.26	-6.645	-57.78	-6999	+0.000												
D 0715	-18.37	-14.39	-11.33	-10.31	-09.22	-1.282	-12.61	-14.56	-18.26	-6.496	-55.94	-6999	+0.000												
D 0730	-18.36	-14.38	-11.34	-10.28	-09.16	-1.264	-12.60	-14.56	-18.26	-6.318	-57.80	-6999	+0.000												
D 0745	-18.37	-14.38	-11.35	-10.27	-09.10	-1.197	-12.59	-14.55	-18.24	-6.196	-57.37	-6999	+0.000												
D 0800	-18.36	-14.38	-11.35	-10.26	-09.05	-1.019	-12.59	-14.54	-18.24	-5.950	-59.30	-6999	+0.000												
D 0815	-18.36	-14.38	-11.36	-10.24	-08.99	-0.868	-12.58	-14.54	-18.23	-5.882	-60.69	-6999	+0.000												
D 0830	-18.36	-14.38	-11.36	-10.23	-08.94	-0.808	-12.58	-14.53	-18.22	-6.231	-60.45	-6999	+0.000												
D 0845	-18.36	-14.38	-11.36	-10.21	-08.88	-1.158	-12.57	-14.52	-18.22	-07.07	-58.91	-6999	+0.000												
D 0900	-18.35	-14.38	-11.37	-10.20	-08.83	-2.067	-12.56	-14.52	-18.21	-07.95	-57.81	-6999	+0.000												
D 0915	-18.36	-14.38	-11.37	-10.19	-08.78	-3.348	-12.56	-14.51	-18.21	-08.14	-57.18	-6999	+0.000												
D 0930	-18.35	-14.38	-11.38	-10.17	-08.75	-4.899	-12.55	-14.51	-18.20	-08.84	-56.36	-6999	+0.000												
D 0945	-18.36	-14.38	-11.38	-10.15	-08.68	-6.561	-12.54	-14.50	-18.19	-09.58	-56.07	-6999	+0.000												
D 1000	-18.35	-14.37	-11.38	-10.13	-08.63	-8.035	-12.54	-14.50	-18.19	-10.24	-53.36	-6999	+0.000												
D 1015	-18.35	-14.38	-11.39	-10.12	-08.59	-10.13	-12.54	-14.50	-18.18	-10.48	-52.59	-6999	+0.000												
D 1030	-18.34	-14.37	-11.39	-10.10	-08.55	-11.76	-12.53	-14.49	-18.18	-10.57	-51.87	-6999	+0.000												
D 1045	-18.34	-14.37	-11.39	-10.08	-08.54	-13.23	-12.53	-14.49	-18.18	-10.55	-52.10	-6999	+0.000												
D 1100	-18.34	-14.37	-11.40	-10.06	-08.52	-14.88	-12.53	-14.48	-18.17	-11.03	-47.23	-6999	+0.000												
D 1115	-18.34	-14.37	-11.40	-10.05	-08.53	-16.81	-12.53	-14.48	-18.17	-11.23	-43.04	-6999	+0.000												
D 1130	-18.34	-14.36	-11.40	-10.03	-08.55	-18.26	-12.53	-14.48	-18.17	-11.65	-41.65	-6999	+0.000												
D 1145	-18.33	-14.37	-11.40	-10.01	-08.59	-19.10	-12.53	-14.48	-18.17	-11.77	-38.72	-6999	+0.000												
D 1200	-18.34	-14.37	-11.41	-10.00	-08.65	-20.20	-12.53	-14.48	-18.17	-12.23	-37.34	-6999	+0.000												
D 1215	-18.33	-14.36	-11.41	-09.98	-8.73	-2																			

Time	1.75m				1.0m				PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
2000	-18.29	-14.35	-11.44	-10.71	-12.96	-08.73	-12.89	-14.75	-18.47	-10.69	-41.63	-6999	+0.000		
2015	-18.29	-14.35	-11.45	-10.76	-12.92	-08.72	-12.90	-14.76	-18.47	-10.79	-41.34	-6999	+0.000		
2030	-18.29	-14.35	-11.45	-10.80	-12.87	-08.00	-12.91	-14.76	-18.48	-10.60	-41.55	-6999	+0.000		
2045	-18.28	-14.34	-11.45	-10.84	-12.81	-07.73	-12.91	-14.77	-18.48	-10.52	-41.57	-6999	+0.000		
2100	-18.28	-14.34	-11.45	-10.88	-12.74	-07.50	-12.92	-14.77	-18.49	-10.46	-41.54	-6999	+0.000		
2115	-18.28	-14.34	-11.45	-10.91	-12.68	-07.14	-12.92	-14.78	-18.49	-10.01	-41.93	-6999	+0.000		
2130	-18.28	-14.34	-11.46	-10.94	-12.61	-6.961	-12.93	-14.78	-18.49	-10.38	-41.63	-6999	+0.000		
2145	-18.28	-14.34	-11.46	-10.98	-12.52	-07.08	-12.94	-14.78	-18.49	-10.86	-41.20	-6999	+0.000		
2200	-18.28	-14.34	-11.46	-11.01	-12.45	-07.28	-12.94	-14.78	-18.49	-10.93	-41.09	-6999	+0.000		
2215	-18.27	-14.34	-11.46	-11.03	-12.37	-07.22	-12.94	-14.77	-18.49	-10.56	-41.55	-6999	+0.000		
2230	-18.27	-14.34	-11.47	-11.05	-12.29	-07.26	-12.94	-14.78	-18.49	-10.44	-41.88	-6999	+0.000		
2245	-18.27	-14.34	-11.47	-11.07	-12.21	-07.14	-12.94	-14.77	-18.49	-10.37	-42.19	-6999	+0.000		
2300	-18.27	-14.34	-11.48	-11.09	-12.12	-07.00	-12.94	-14.77	-18.49	-10.37	-42.23	-6999	+0.000		
2315	-18.27	-14.34	-11.48	-11.11	-12.05	-07.36	-12.94	-14.77	-18.49	-10.69	-42.17	-6999	+0.000		
2330	-18.27	-14.34	-11.48	-11.12	-11.97	-07.58	-12.94	-14.77	-18.48	-11.00	-42.21	-6999	+0.000		
2345	-18.27	-14.34	-11.49	-11.13	-11.90	-07.75	-12.93	-14.77	-18.48	-10.80	-42.51	-6999	+0.000		
0000	-18.26	-14.34	-11.49	-11.14	-11.82	-07.57	-12.93	-14.77	-18.47	-10.32	-43.14	-6999	+0.000		
87 338															
0015	-18.26	-14.33	-11.50	-11.15	-11.76	-07.48	-12.93	-14.76	-18.47	-10.77	-42.31	-6999	+0.000		
0030	-18.26	-14.34	-11.50	-11.16	-11.69	-07.67	-12.93	-14.76	-18.47	-11.22	-41.48	-6999	+0.000		
0045	-18.26	-14.34	-11.51	-11.17	-11.63	-07.66	-12.93	-14.76	-18.47	-11.04	-41.72	-6999	+0.000		
0100	-18.26	-14.33	-11.51	-11.17	-11.56	-07.51	-12.92	-14.76	-18.46	-10.89	-42.30	-6999	+0.000		
0115	-18.25	-14.33	-11.52	-11.17	-11.50	-07.37	-12.92	-14.76	-18.46	-10.85	-42.20	-6999	+0.000		
0130	-18.25	-14.34	-11.53	-11.17	-11.45	-07.23	-12.92	-14.75	-18.45	-10.75	-42.81	-6999	+0.000		
0145	-18.25	-14.34	-11.53	-11.17	-11.40	-07.12	-12.92	-14.75	-18.46	-10.53	-43.21	-6999	+0.000		
0200	-18.26	-14.33	-11.54	-11.17	-11.35	-6.951	-12.91	-14.75	-18.45	-10.76	-42.83	-6999	+0.000		
0215	-18.25	-14.33	-11.54	-11.17	-11.30	-6.915	-12.90	-14.74	-18.44	-10.93	-42.81	-6999	+0.000		
0230	-18.25	-14.33	-11.55	-11.17	-11.25	-6.880	-12.91	-14.74	-18.45	-10.57	-43.20	-6999	+0.000		
0245	-18.25	-14.33	-11.56	-11.16	-11.20	-6.845	-12.90	-14.73	-18.44	-10.10	-43.64	-6999	+0.000		
0300	-18.25	-14.33	-11.56	-11.16	-11.17	-6.810	-12.90	-14.73	-18.43	-09.77	-44.03	-6999	+0.000		
0315	-18.24	-14.33	-11.57	-11.16	-11.12	-6.054	-12.90	-14.73	-18.43	-10.16	-43.60	-6999	+0.000		
0330	-18.25	-14.33	-11.57	-11.15	-11.08	-5.601	-12.89	-14.72	-18.43	-09.58	-44.07	-6999	+0.000		
0345	-18.24	-14.33	-11.58	-11.14	-11.03	-5.293	-12.89	-14.72	-18.42	-09.40	-44.18	-6999	+0.000		
0400	-18.24	-14.33	-11.58	-11.14	-10.99	-4.834	-12.89	-14.72	-18.42	-09.38	-44.07	-6999	+0.000		
0415	-18.24	-14.33	-11.59	-11.14	-10.95	-4.920	-12.88	-14.72	-18.42	-09.99	-43.00	-6999	+0.000		
0430	-18.23	-14.33	-11.59	-11.13	-10.90	-4.750	-12.88	-14.71	-18.41	-09.85	-42.88	-6999	+0.000		
0445	-18.24	-14.33	-11.60	-11.12	-10.86	-4.685	-12.88	-14.71	-18.41	-09.86	-42.52	-6999	+0.000		
0500	-18.24	-14.33	-11.61	-11.11	-10.81	-4.710	-12.87	-14.70	-18.41	-09.26	-43.23	-6999	+0.000		
0515	-18.23	-14.33	-11.61	-11.11	-10.76	-4.496	-12.86	-14.70	-18.40	-08.61	-43.93	-6999	+0.000		
0530	-18.23	-14.33	-11.62	-11.10	-10.71	-4.264	-12.86	-14.70	-18.39	-08.36	-44.02	-6999	+0.000		
0545	-18.23	-14.33	-11.62	-11.09	-10.65	-4.046	-12.86	-14.69	-18.39	-08.12	-44.35	-6999	+0.000		
0600	-18.23	-14.33	-11.63	-11.08	-10.60	-4.112	-12.85	-14.69	-18.38	-08.31	-44.18	-6999	+0.000		
0615	-18.23	-14.33	-11.64	-11.07	-10.55	-4.284	-12.85	-14.68	-18.38	-08.31	-44.68	-6999	+0.000		
0630	-18.23	-14.33	-11.65	-11.06	-10.50	-4.318	-12.85	-14.68	-18.38	-08.29	-44.35	-6999	+0.000		
0645	-18.23	-14.33	-11.65	-11.05	-10.44	-4.334	-12.84	-14.68	-18.37	-08.06	-44.57	-6999	+0.000		
0700	-18.23	-14.33	-11.65	-11.04	-10.39	-4.126	-12.84	-14.67	-18.37	-07.66	-45.09	-6999	+0.000		
0715	-18.22	-14.33	-11.66	-11.03	-10.33	-3.876	-12.83	-14.67	-18.36	-07.76	-44.96	-6999	+0.000		
0730	-18.22	-14.33	-11.66	-11.02	-10.29	-3.748	-12.83	-14.67	-18.36	-07.43	-45.46	-6999	+0.000		
0745	-18.22	-14.33	-11.67	-11.01	-10.24	-3.516	-12.82	-14.66	-18.35	-07.58	-45.13	-6999	+0.000		
0800	-18.22	-14.33	-11.67	-11.00	-10.19	-3.516	-12.82	-14.65	-18.35	-6.855	-46.21	-6999	+0.000		
0815	-18.21	-14.32	-11.68	-10.98	-10.14	-3.608	-12.81	-14.65	-18.34	-07.31	-45.93	-6999	+0.000		
0830	-18.21	-14.32	-11.68	-10.96	-10.09	-3.698	-12.81	-14.64	-18.33	-07.34	-46.09	-6999	+0.000		
0845	-18.22	-14.33	-11.68	-10.95	-10.04	-3.624	-12.80	-14.63	-18.32	-07.28	-46.18	-6999	+0.000		
0900	-18.22	-14.33	-11.69	-10.94	-9.99	-3.577	-12.80	-14.63	-18.32	-07.31	-46.32	-6999	+0.000		
0915	-18.21	-14.32	-11.69	-10.92	-9.95	-4.282	-12.80	-14.63	-18.31	-07.53	-46.56	-6999	+0.000		
0930	-18.21	-14.32	-11.70	-10.91	-9.91	-6.100	-12.79	-14.62	-18.31	-09.34	-45.37	-6999	+0.000		

Time	1.75m				1.0m				PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
0945	-18.21	-14.32	-11.70	-10.90	-9.86	-07.55	-12.78	-14.62	-18.30	-10.00	-44.63	-6999	+0.000		
1000	-18.21	-14.32	-11.71	-10.89	-9.82	-09.15	-12.78	-14.60	-18.29	-10.61	-42.28	-6999	+0.000		
1015	-18.21	-14.32	-11.71	-10.89	-9.78	-08.78	-12.78	-14.59	-18.28	-10.30	-41.58	-6999	+0.000		
1030	-18.21	-14.32	-11.72	-10.85	-9.75	-10.50	-12.78	-14.59	-18.27	-11.91	-40.05	-6999	+0.000		
1045	-18.20	-14.32	-11.72	-10.83	-9.72	-13.19	-12.78	-14.59	-18.27	-12.67	-40.32	-6999	+0.000		
1100	-18.20	-14.32	-11.73	-10.82	-9.71	-13.90	-12.77	-14.58	-18.27	-11.23	-41.24	-6999	+0.000		
1115	-18.20	-14.32	-11.73	-10.80	-9.70	-13.26	-12.77	-14.58	-18.27	-11.03	-41.04	-6999	+0.000		
1130	-18.20	-14.32	-11.73	-10.78	-9.69	-12.38	-12.77	-14.58	-18.27	-10.01	-46.43	-6999	+0.000		
1145	-18.20	-14.32	-11.74	-10.77	-9.73	-12.39	-12.77	-14.58	-18.27	-10.06	-47.12	-6999	+0.000		
1200	-18.20	-14.32	-11.74	-10.76	-9.75	-12.82	-12.77	-14.57	-18.27	-10.40	-45.81	-6999	+0.000		
1215	-18.19	-14.32	-11.74	-10.74	-9.79	-12.96	-12.77	-14.58	-18.26	-10.52	-46.00	-6999	+0.000		
1230	-18.19	-14.32	-11.75	-10.73	-9.84	-13.30	-12.77	-14.57	-18.26	-10.99	-44.96	-6999	+0.000		
1245	-18.19	-14.32	-11.75	-10.71	-9.89	-13.34	-12.78	-14.58	-18.27	-11.21	-44.74	-6999	+0.000		
1300	-18.19	-14.32	-11.75	-10.70	-9.95	-13.35	-12.78	-14.58	-18.27	-11.39	-44.35	-6999	+0.000		
1315	-18.19	-14.32	-11.75	-10.69	-10.00	-13.49	-12.78	-14.58	-18.27	-11.51	-44.66	-6999	+0.000		
1330	-18.19	-14.32	-11.76	-10.68	-10.07	-14.35	-12.79	-14.59	-18.27	-11.81	-44.13	-6999	+0.000		
1345	-18.18	-14.31	-11.75	-10.67	-10.12	-14.38	-12.79	-14.59	-18.28	-11.14	-43.12	-6999	+0.000		
1400	-18.18	-14.32	-11.76	-10.66	-10.19	-16.68	-12.79	-14.58	-18.28	-11.43	-41.98	-6999	+0.000		
1415	-18.18	-14.32	-11.76	-10.66	-10.22	-15.51	-12.80	-14.59	-18.29	-11.87	-41.82	-6999	+0.000		
1430	-18.18	-14.32	-11.77	-10.65	-10.31	-15.51	-12.80	-14.60	-18.29	-11.89	-42.83	-6999	+0.000		
1445	-18.18	-14.31	-11.76	-10.66	-10.38	-14.72	-12.81	-14.60	-18.29	-11.96	-42.27	-6999	+0.000		
1500	-18.18	-14.31	-11.77	-10.65	-10.45	-14.55	-12.81	-14.61	-18.29	-12.12	-42.11	-6999	+0.000		
1515	-18.17	-14.31	-11.77	-10.65	-10.53	-15.50	-12.82	-14.61	-18.30	-11.79	-42.44	-6999	+0.000		
1530	-18.17	-14.31	-11.77	-10.65	-10.60	-16.82	-12.82	-14.62	-18.31	-12.84	-41.79	-6999	+0.000		
1545	-18.17	-14.31	-11.77	-10.66	-10.68	-15.27	-12.83	-14.64	-18.34	-11.96	-42.46	-6999	+0.000		
1600	-18.17	-14.31	-11.77	-10.66	-10.75	-13.79	-12.83	-14.64	-18.33	-11.33	-42.78	-6999	+0.000		
1615	-18.17	-14.31	-11.77	-10.67	-10.82	-12.80	-12.84	-14.64	-18.34	-11.47	-46.43	-6999	+0.000		
1630	-18.17	-14.31	-11.77	-10.67	-10.89	-12.30	-12.85								

Time	1.75m				1.0m				1.75m				Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC	Air	PVC			
2345	-18.13	-14.31	-11.80	-10.92	-10.68	-4.869	-12.87	-14.67	-18.36	-6.070	-48.66	-6999	+0.000		
0000	-18.13	-14.31	-11.80	-10.92	-10.65	-4.315	-12.87	-14.66	-18.36	-6.037	-49.07	-6999	+0.000		
0015	-18.13	-14.31	-11.80	-10.92	-10.62	-3.827	-12.87	-14.66	-18.35	-5.929	-49.64	-6999	+0.000		
0030	-18.13	-14.31	-11.80	-10.91	-10.58	-3.391	-12.86	-14.65	-18.35	-5.458	-50.93	-6999	+0.000		
0045	-18.12	-14.31	-11.80	-10.91	-10.54	-3.128	-12.86	-14.65	-18.34	-5.485	-52.08	-6999	+0.000		
0100	-18.12	-14.31	-11.81	-10.91	-10.49	-3.046	-12.85	-14.65	-18.34	-6.111	-52.06	-6999	+0.000		
0115	-18.12	-14.31	-11.81	-10.91	-10.45	-2.914	-12.85	-14.65	-18.34	-6.240	-52.10	-6999	+0.000		
0130	-18.12	-14.31	-11.81	-10.90	-10.40	-2.686	-12.84	-14.64	-18.33	-6.043	-52.24	-6999	+0.000		
0145	-18.12	-14.31	-11.81	-10.90	-10.34	-2.335	-12.84	-14.64	-18.33	-5.685	-53.36	-6999	+0.000		
0200	-18.12	-14.31	-11.81	-10.89	-10.29	-2.044	-12.84	-14.64	-18.32	-5.458	-54.33	-6999	+0.000		
0215	-18.12	-14.31	-11.81	-10.89	-10.27	-1.801	-12.83	-14.63	-18.31	-5.737	-55.27	-6999	+0.000		
0230	-18.12	-14.31	-11.82	-10.88	-10.17	-1.302	-12.83	-14.62	-18.31	-6.064	-56.71	-6999	+0.000		
0245	-18.12	-14.31	-11.82	-10.87	-10.11	-2.439	-12.82	-14.62	-18.30	-6.151	-57.09	-6999	+0.000		
0300	-18.11	-14.31	-11.82	-10.87	-10.05	-2.589	-12.82	-14.60	-18.28	-6.330	-56.73	-6999	+0.000		
0315	-18.12	-14.31	-11.83	-10.86	-0.99	-2.624	-12.81	-14.60	-18.27	-6.284	-56.08	-6999	+0.000		
0330	-18.11	-14.31	-11.82	-10.85	-0.93	-2.251	-12.81	-14.59	-18.27	-6.028	-56.64	-6999	+0.000		
0345	-18.11	-14.31	-11.83	-10.84	-0.87	-2.256	-12.80	-14.59	-18.27	-6.243	-56.52	-6999	+0.000		
0400	-18.11	-14.31	-11.83	-10.83	-0.81	-2.253	-12.79	-14.58	-18.26	-6.025	-56.81	-6999	+0.000		
0415	-18.11	-14.31	-11.83	-10.81	-0.75	-1.917	-12.79	-14.57	-18.25	-5.096	-57.29	-6999	+0.000		
0430	-18.10	-14.31	-11.83	-10.80	-0.69	-1.664	-12.78	-14.57	-18.25	-5.201	-57.91	-6999	+0.000		
0445	-18.10	-14.31	-11.83	-10.79	-0.63	-1.373	-12.78	-14.57	-18.25	-5.449	-58.11	-6999	+0.000		
0500	-18.10	-14.31	-11.83	-10.77	-0.58	-1.193	-12.77	-14.56	-18.24	-5.528	-58.62	-6999	+0.000		
0515	-18.11	-14.32	-11.84	-10.77	-0.53	-1.154	-12.77	-14.55	-18.23	-5.457	-58.48	-6999	+0.000		
0530	-18.10	-14.31	-11.83	-10.75	-0.47	-1.095	-12.76	-14.55	-18.22	-5.341	-58.96	-6999	+0.000		
0545	-18.10	-14.31	-11.84	-10.73	-0.42	-1.107	-12.75	-14.54	-18.21	-5.450	-59.26	-6999	+0.000		
0600	-18.10	-14.32	-11.84	-10.72	-0.37	-0.859	-12.75	-14.54	-18.21	-5.153	-60.15	-6999	+0.000		
0615	-18.09	-14.31	-11.84	-10.70	-0.31	-0.646	-12.74	-14.53	-18.20	-4.979	-60.61	-6999	+0.000		
0630	-18.10	-14.31	-11.84	-10.69	-0.26	-0.538	-12.73	-14.52	-18.20	-5.007	-60.60	-6999	+0.000		
0645	-18.09	-14.31	-11.84	-10.67	-0.20	-0.598	-12.73	-14.52	-18.19	-4.914	-61.09	-6999	+0.000		
0700	-18.09	-14.31	-11.84	-10.65	-0.15	-0.587	-12.72	-14.51	-18.18	-4.702	-62.11	-6999	+0.000		
0715	-18.09	-14.31	-11.84	-10.63	-0.10	-0.612	-12.71	-14.51	-18.18	-4.274	-62.92	-6999	+0.000		
0730	-18.09	-14.31	-11.84	-10.61	-0.04	-0.451	-12.71	-14.43	-18.17	-3.652	-63.31	-6999	+0.000		
0745	-18.09	-14.31	-11.85	-10.59	-0.00	-0.378	-12.70	-14.50	-18.16	-4.240	-67.30	-6999	+0.000		
0800	-18.09	-14.31	-11.85	-10.58	-0.00	-0.259	-12.69	-14.49	-18.16	-4.018	-68.07	-6999	+0.000		
0815	-18.09	-14.31	-11.85	-10.56	-0.00	-0.199	-12.69	-14.49	-18.16	-3.899	-68.80	-6999	+0.000		
0830	-18.08	-14.31	-11.85	-10.54	-0.03	-0.378	-12.68	-14.48	-18.14	-3.816	-69.41	-6999	+0.000		
0845	-18.08	-14.31	-11.85	-10.52	-0.08	-0.78	-12.67	-14.47	-18.13	-4.292	-69.49	-6999	+0.000		
0900	-18.08	-14.31	-11.85	-10.50	-0.08	-0.73	-12.67	-14.47	-18.13	-4.963	-69.40	-6999	+0.000		
0915	-18.08	-14.31	-11.85	-10.48	-0.08	-0.60	-12.66	-14.46	-18.12	-5.332	-68.71	-6999	+0.000		
0930	-18.08	-14.31	-11.85	-10.46	-0.04	-0.233	-12.66	-14.46	-18.13	-5.517	-68.00	-6999	+0.000		
0945	-18.08	-14.31	-11.85	-10.44	-0.00	-0.59	-12.65	-14.46	-18.13	-5.608	-68.21	-6999	+0.000		
1000	-18.08	-14.31	-11.85	-10.42	-0.00	-0.550	-12.64	-14.44	-18.11	-5.615	-68.03	-6999	+0.000		
1015	-18.08	-14.31	-11.85	-10.40	-0.00	-0.51	-12.64	-14.45	-18.11	-5.398	-67.46	-6999	+0.000		
1030	-18.07	-14.32	-11.85	-10.38	-0.00	-0.47	-12.63	-14.43	-18.09	-5.574	-66.58	-6999	+0.000		
1045	-18.07	-14.31	-11.85	-10.36	-0.00	-0.44	-12.62	-14.43	-18.09	-5.389	-67.17	-6999	+0.000		
1100	-18.07	-14.31	-11.85	-10.33	-0.00	-0.40	-12.62	-14.43	-18.09	-5.548	-66.82	-6999	+0.000		
1115	-18.07	-14.31	-11.85	-10.30	-0.00	-0.40	-12.62	-14.42	-18.09	-5.765	-67.60	-6999	+0.000		
1130	-18.07	-14.32	-11.85	-10.29	-0.00	-0.39	-12.62	-14.42	-18.08	-5.683	-67.19	-6999	+0.000		
1145	-18.07	-14.31	-11.85	-10.27	-0.00	-0.38	-12.61	-14.41	-18.08	-6.316	-66.41	-6999	+0.000		
1200	-18.07	-14.31	-11.85	-10.25	-0.00	-0.37	-12.61	-14.41	-18.07	-6.491	-65.08	-6999	+0.000		
1215	-18.07	-14.31	-11.85	-10.24	-0.00	-0.37	-12.61	-14.41	-18.07	-6.491	-65.08	-6999	+0.000		
1230	-18.06	-14.31	-11.85	-10.23	-0.00	-0.38	-12.60	-14.40	-18.07	-6.804	-63.61	-6999	+0.000		
1245	-18.06	-14.31	-11.85	-10.20	-0.00	-0.38	-12.60	-14.41	-18.07	-07.09	-62.64	-6999	+0.000		
1300	-18.06	-14.31	-11.84	-10.17	-0.00	-0.46	-12.60	-14.40	-18.06	-07.25	-61.21	-6999	+0.000		
1315	-18.06	-14.31	-11.85	-10.16	-0.00	-0.42	-12.60	-14.40	-18.06	-07.77	-59.09	-6999	+0.000		

Time	1.75m				1.0m				1.75m				Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC	Air	PVC			
1330	-18.05	-14.31	-11.84	-10.14	-0.08	-0.44	-11.60	-12.60	-14.40	-18.06	-08.39	-56.91	-6999	+0.000	
1345	-18.05	-14.31	-11.84	-10.14	-0.08	-0.47	-11.54	-12.59	-14.40	-18.06	-08.92	-54.78	-6999	+0.000	
1400	-18.05	-14.31	-11.84	-10.10	-0.08	-0.50	-11.84	-12.60	-14.40	-18.05	-09.90	-51.33	-6999	+0.000	
1415	-18.05	-14.31	-11.84	-10.09	-0.08	-0.54	-14.51	-12.60	-14.40	-18.06	-09.93	-49.63	-6999	+0.000	
1430	-18.05	-14.31	-11.84	-10.08	-0.08	-0.59	-14.34	-12.60	-14.40	-18.06	-09.85	-49.56	-6999	+0.000	
1445	-18.05	-14.31	-11.84	-10.06	-0.08	-0.65	-14.10	-12.62	-14.41	-18.07	-09.93	-49.64	-6999	+0.000	
1500	-18.05	-14.31	-11.85	-10.05	-0.07	-0.71	-12.61	-14.40	-18.06	-09.78	-50.06	-6999	+0.000		
1515	-18.05	-14.31	-11.83	-10.04	-0.08	-0.33	-12.61	-14.40	-18.07	-09.81	-50.02	-6999	+0.000		
1530	-18.04	-14.31	-11.83	-10.03	-0.08	-0.88	-13.13	-12.62	-14.41	-18.07	-09.92	-50.06	-6999	+0.000	
1545	-18.04	-14.31	-11.83	-10.03	-0.08	-0.96	-13.04	-12.62	-14.41	-18.07	-10.06	-50.15	-6999	+0.000	
1600	-18.04	-14.31	-11.82	-10.02	-0.09	-0.94	-12.62	-14.41	-18.07	-09.91	-50.07	-6999	+0.000		
1615	-18.04	-14.31	-11.82	-10.01	-0.09	-0.94	-12.62	-14.41	-18.07	-09.91	-50.07	-6999	+0.000		
1630	-18.04	-14.31	-11.81	-10.01	-0.09	-1.11	-12.64	-14.43	-18.08	-09.54	-50.42	-6999	+0.000		
1645	-18.04	-14.31	-11.81	-10.01	-0.09	-0.28	-11.10	-12.64	-14.43	-18.08	-09.60	-50.58	-6999	+0.000	
1700	-18.04	-14.31	-11.82	-10.01	-0.09	-0.36	-11.23	-12.65	-14.43	-18.09	-09.47	-50.99	-6999	+0.000	
1715	-18.04	-14.31	-11.81	-10.01	-0.09	-0.43	-10.60	-12.65	-14.43	-18.09	-08.61	-52.66	-6999	+0.000	
1730	-18.04	-14.31	-11.80	-10.01	-0.09	-0.49	-09.74	-12.65	-14.44	-18.09	-08.21	-53.35	-6999	+0.000	
1745	-18.03	-14.31	-11.80	-10.01	-0.09	-0.55	-09.08	-12.66	-14.43	-18.10	-08.12	-53.33	-6999	+0.000	
1800	-18.03	-14.31	-11.80	-10.01	-0.09	-0.59	-08.43	-12.66	-14.45	-18.11	-07.91	-53.63	-6999	+0.000	
1815	-18.03	-14.31	-11.80	-10.02	-0.09	-0.64	-07.95	-12.66	-14.44	-18.10	-07.79	-53.98	-6999	+0.000	
1830	-18.03	-14.31	-11.79	-10.03	-0.09	-0.68	-07.66	-12.67	-14.45	-18.11	-07.73	-54.05	-6999	+0.000	
1845	-18.03	-14.31	-11.79	-10.04	-0.09	-0.71	-07.38	-12.67	-14.45	-18.11	-07.76	-53.92	-6999	+0.000	
1900	-18.02	-14.31	-11.78	-10.04	-0.09	-0.73	-06.96	-12.67	-14.45	-18.12	-07.65	-54.04	-6999	+0.000	
1915	-18.02	-14.31	-11.78	-10.05	-0.09	-0.75	-6.514	-12.68	-14.46	-18.12	-07.51	-54.10	-6999	+0.000	
1930	-18.02	-14.31	-11.78	-10.05	-0.09	-0.76	-5.948	-12.68	-14.46	-18.12	-07.29	-54.63	-6999	+0.000	
1945	-18.02	-14.31	-11.77	-10.07	-0.09	-0.76	-5.567	-12.68	-14.46	-18.12	-6.984	-55.16	-6999	+0.000	
2000	-18.02	-14.31	-11.78	-10.08	-0.09	-0.76	-5.164	-12.68	-14.46	-18.12	-6.650	-55.70	-6999	+0.000	



Time	1.75m			1.0m			Surf.			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
0315	-17.99	-14.31	-11.70	-10.04	-08.55	-07.98	-12.57	-14.37	-18.03	-5.570	-57.40	-6999	+0.000			
0345	-17.99	-14.31	-11.70	-10.03	-08.50	-07.98	-12.56	-14.37	-18.01	-6.466	-55.08	-6999	+0.000			
0400	-17.98	-14.31	-11.69	-10.00	-08.41	-1.296	-12.55	-14.36	-18.00	-07.48	-51.13	-6999	+0.000			
0415	-17.98	-14.31	-11.69	-09.99	-08.36	-1.847	-12.55	-14.36	-18.00	-09.25	-46.44	-6999	+0.000			
0430	-17.98	-14.31	-11.69	-09.96	-08.38	-2.206	-12.54	-14.34	-17.99	-09.50	-44.98	-6999	+0.000			
0445	-17.98	-14.31	-11.69	-09.95	-08.24	-2.336	-12.53	-14.34	-17.99	-09.37	-44.36	-6999	+0.000			
0500	-17.98	-14.31	-11.69	-09.93	-08.21	-2.432	-12.53	-14.33	-17.98	-09.63	-43.86	-6999	+0.000			
0515	-17.97	-14.31	-11.68	-09.92	-08.17	-2.757	-12.52	-14.33	-17.97	-09.90	-43.14	-6999	+0.000			
0530	-17.97	-14.31	-11.68	-09.89	-08.14	-3.35	-12.52	-14.33	-17.97	-09.81	-42.76	-6999	+0.000			
0545	-17.97	-14.31	-11.68	-09.89	-08.11	-3.495	-12.51	-14.33	-17.96	-09.83	-41.60	-6999	+0.000			
0615	-17.97	-14.31	-11.68	-09.87	-08.09	-4.084	-12.51	-14.32	-17.96	-10.18	-39.34	-6999	+0.000			
0630	-17.97	-14.31	-11.68	-09.86	-08.06	-4.309	-12.50	-14.31	-17.96	-09.72	-39.67	-6999	+0.000			
0645	-17.97	-14.31	-11.68	-09.84	-08.04	-4.079	-12.49	-14.31	-17.95	-09.33	-40.11	-6999	+0.000			
0700	-17.97	-14.30	-11.68	-09.83	-08.02	-3.940	-12.49	-14.31	-17.95	-08.95	-39.68	-6999	+0.000			
0715	-17.97	-14.30	-11.67	-09.81	-08.01	-3.880	-12.49	-14.30	-17.95	-08.70	-38.64	-6999	+0.000			
0730	-17.96	-14.30	-11.67	-09.79	-08.00	-3.979	-12.48	-14.30	-17.94	-08.59	-37.97	-6999	+0.000			
0745	-17.96	-14.30	-11.67	-09.78	-07.99	-4.257	-12.48	-14.30	-17.94	-08.55	-38.09	-6999	+0.000			
0800	-17.96	-14.30	-11.67	-09.76	-07.98	-4.678	-12.48	-14.30	-17.93	-08.75	-37.85	-6999	+0.000			
0815	-17.96	-14.30	-11.66	-09.75	-07.98	-4.978	-12.48	-14.29	-17.93	-08.81	-40.43	-6999	+0.000			
0830	-17.96	-14.31	-11.67	-09.74	-07.98	-5.077	-12.47	-14.29	-17.93	-09.00	-40.56	-6999	+0.000			
0845	-17.96	-14.31	-11.66	-09.72	-07.97	-5.338	-12.47	-14.29	-17.93	-09.00	-40.56	-6999	+0.000			
0900	-17.95	-14.30	-11.66	-09.70	-07.97	-5.778	-12.47	-14.29	-17.93	-08.97	-41.69	-6999	+0.000			
0915	-17.95	-14.30	-11.66	-09.69	-07.97	-6.066	-12.46	-14.28	-17.92	-08.35	-50.03	-6999	+0.000			
0930	-17.95	-14.30	-11.65	-09.68	-07.97	-6.838	-12.46	-14.28	-17.92	-08.83	-075.8	-6999	+0.000			
0945	-17.95	-14.30	-11.65	-09.65	-07.99	-5.328	-12.46	-14.28	-17.92	-11.49	-077.0	-6999	+0.000			
1000	-17.95	-14.30	-11.65	-09.65	-07.99	-5.328	-12.46	-14.28	-17.92	-11.49	-077.0	-6999	+0.000			
1015	-17.95	-14.30	-11.64	-09.64	-08.00	-6.013	-12.46	-14.28	-17.92	-12.29	-076.2	-6999	+0.000			
1030	-17.95	-14.30	-11.64	-09.63	-08.01	-5.938	-12.45	-14.27	-17.91	-12.90	-077.0	-6999	+1.000			
1045	-17.95	-14.30	-11.64	-09.61	-08.03	-5.771	-12.45	-14.27	-17.91	-41.95	-087.5	-6999	+1.000			
1100	-17.95	-14.30	-11.63	-09.60	-08.05	-5.739	-12.45	-14.27	-17.91	-57.31	-084.8	-6999	+0.000			
1115	-17.94	-14.30	-11.63	-09.59	-08.07	-5.673	-12.45	-14.27	-17.90	-6999	-6999	-6999	+1.000			
1130	-17.94	-14.30	-11.63	-09.57	-08.08	-5.813	-12.44	-14.26	-17.90	-6999	-6999	-6999	+1.000			
1145	-17.94	-14.30	-11.63	-09.56	-08.09	-5.932	-12.44	-14.26	-17.90	-6999	-6999	-6999	+1.000			
1200	-17.94	-14.30	-11.62	-09.56	-08.09	-6.116	-12.44	-14.27	-17.90	-6999	-6999	-6999	+0.000			
1215	-17.94	-14.30	-11.62	-09.56	-08.11	-6.316	-12.44	-14.27	-17.90	-6999	-6999	-6999	+0.000			
1230	-17.94	-14.30	-11.62	-09.55	-08.13	-6.559	-12.44	-14.26	-17.90	-6999	-6999	-6999	+0.000			
1245	-17.94	-14.30	-11.61	-09.54	-08.14	-6.592	-12.44	-14.26	-17.90	-6999	-6999	-6999	+0.000			
1300	-17.94	-14.30	-11.61	-09.53	-08.16	-6.712	-12.44	-14.26	-17.90	-6999	-6999	-6999	+0.000			
1315	-17.94	-14.30	-11.61	-09.53	-08.18	-6.822	-12.44	-14.26	-17.90	-6999	-6999	-6999	+1.000			
1330	-17.94	-14.30	-11.61	-09.52	-08.19	-6.932	-12.44	-14.26	-17.90	-6999	-6999	-6999	+1.000			
1345	-17.94	-14.30	-11.60	-09.52	-08.21	-7.042	-12.44	-14.26	-17.90	-6999	-6999	-6999	+0.000			
1400	-17.94	-14.30	-11.60	-09.51	-08.23	-7.152	-12.44	-14.26	-17.90	-6999	-6999	-6999	+0.000			
1415	-17.93	-14.30	-11.60	-09.51	-08.25	-7.262	-12.44	-14.26	-17.90	-6999	-6999	-6999	+0.000			
1430	-17.93	-14.30	-11.59	-09.50	-08.28	-7.372	-12.45	-14.26	-17.90	-6999	-6999	-6999	+0.000			
1445	-17.93	-14.29	-11.59	-09.50	-08.31	-7.482	-12.45	-14.26	-17.89	-6999	-6999	-6999	+1.000			
1500	-17.93	-14.29	-11.58	-09.50	-08.35	-7.592	-12.44	-14.26	-17.90	-6999	-6999	-6999	+1.000			
1515	-17.93	-14.29	-11.58	-09.49	-08.39	-7.702	-12.45	-14.27	-17.91	-6999	-6999	-6999	+0.000			
1530	-17.92	-14.29	-11.58	-09.49	-08.43	-7.812	-12.45	-14.27	-17.90	-6999	-6999	-6999	+1.000			
1545	-17.92	-14.29	-11.57	-09.49	-08.47	-7.922	-12.45	-14.27	-17.90	-6999	-6999	-6999	+0.000			
1600	-17.92	-14.29	-11.57	-09.49	-08.51	-8.032	-12.45	-14.27	-17.90	-6999	-6999	-6999	+0.000			
1615	-17.92	-14.29	-11.56	-09.49	-08.55	-8.142	-12.46	-14.27	-17.91	-22.02	-080.4	-6999	+2.000			
1630	-17.92	-14.29	-11.56	-09.49	-08.59	-8.252	-12.46	-14.27	-17.91	-26.95	-084.0	-6999	+2.000			
1645	-17.92	-14.29	-11.56	-09.49	-08.63	-8.362	-12.46	-14.27	-17.91	-31.88	-085.0	-6999	+3.000			
1700	-17.92	-14.29	-11.55	-09.49	-08.64	-8.472	-12.46	-14.27	-17.91	-36.81	-083.6	-6999	+0.000			

Time	1.75m			1.0m			Surf.			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil								
D 1715	-17.92	-14.29	-11.55	-09.49	-08.66	-8.582	-12.45	-14.27	-17.91	-29.39	-084.3	-6999	+0.000			
D 1730	-17.92	-14.29	-11.55	-09.49	-08.68	-8.692	-12.44	-14.27	-17.90	-24.93	-085.3	-6999	+0.000			
D 1745	-17.92	-14.29	-11.54	-09.50	-08.68	-8.802	-12.43	-14.27	-17.91	-22.84	-085.2	-6999	+0.000			
D 1800	-17.91	-14.29	-11.54	-09.50	-08.68	-8.912	-12.43	-14.27	-17.90	-22.44	-085.7	-6999	+0.000			
D 1815	-17.91	-14.29	-11.53	-09.50	-08.68	-9.022	-12.43	-14.27	-17.90	-20.35	-087.0	-6999	+0.000			
D 1830	-17.91	-14.29	-11.53	-09.50	-08.65	-9.132	-12.43	-14.27	-17.91	-18.26	-087.0	-6999	+1.000			
D 1845	-17.91	-14.29	-11.53	-09.51	-08.63	-9.242	-12.43	-14.27	-17.90	-16.17	-082.1	-6999	+0.000			
D 1900	-17.91	-14.29	-11.53	-09.51	-08.61	-9.352	-12.41	-14.26	-17.89	-14.08	-079.9	-6999	+0.000			
D 1915	-17.91	-14.29	-11.52	-09.51	-08.58	-9.462	-12.41	-14.26	-17.89	-11.99	-074.9	-6999	+0.000			
D 1930	-17.91	-14.29	-11.52	-09.51	-08.54	-9.572	-12.40	-14.26	-17.89	-9.90	-074.8	-6999	+0.000			
D 1945	-17.91	-14.29	-11.51	-09.52	-08.50	-9.682	-12.40	-14.26	-17.89	-7.81	-075.4	-6999	+0.000			
D 2000	-17.90	-14.29	-11.51	-09.52	-08.45	-9.792	-12.40	-14.25	-17.89	-5.72	-077.0	-6999	+0.000			
D 2015	-17.90	-14.29	-11.50	-09.51	-08.40	-9.902	-12.39	-14.25	-17.88	-3.63	-078.9	-6999	+0.000			
D 2030	-17.90	-14.29	-11.50	-09.52	-08.34	-10.012	-12.38	-14.25	-17.88	-1.54	-088.4	-6999	+1.000			
D 2045	-17.90	-14.28	-11.50	-09.51	-08.28	-10.122	-12.37	-14.24	-17.88	0.55	-092.2	-6999	+0.000			
D 2100	-17.90	-14.28	-11.50	-09.51	-08.22	-10.232	-12.36	-14.24	-17.88	2.64	-096.0	-6999	+0.000			
D 2115	-17.90	-14.28	-11.49	-09.50	-08.15	-10.342	-12.36	-14.24	-17.88	4.73	-100.8	-6999	+1.000			
D 2130	-17.90	-14.28	-11.49	-09.50	-08.09	-10.452	-12.35	-14.23	-17.88	6.82	-105.6	-6999	+1.000			
D 2145	-17.90	-14.28	-11.48	-09.50	-08.01	-10.562	-12.34	-14.23	-17.88	8.91	-110.4	-6999	+1.000			
D 2200	-17.90	-14.28	-11.48	-09.49	-07.94	-10.672	-12.33	-14.22	-17.88	11.00	-115.2	-6999	+1.000			
D 2215	-17.90	-14.28	-11.48	-09.48	-07.87	-10.782	-12.32	-14.21	-17.88	13.09	-120.0	-6999	+0.000			
D 2230	-17.89	-14.28	-11.47	-09.47	-07.80	-10.892	-12.31	-14.21	-17.88	15.18	-124.8	-6999	+0.000			
D 2245	-17.89	-14.28	-11.47	-09.46	-07.73	-11.002	-12.30	-14.21	-17.83	17.27	-129.6	-6999	+0.000			
D 2300	-17.89	-14.28	-11.47	-09.45	-07.66	-11.112	-12.29	-14.20	-17.83	19.36	-134.4	-6999	+0.000			
D 2315	-17.89	-14.28	-11.47	-09.44	-07.59	-11.222	-12.28	-14.19	-17.82	21.45	-139.2	-6999	+1.000			
D 2330	-17.89	-14.28	-11.46	-09.43	-07.52	-11.332	-12.27	-14.19	-17.81	23.54	-144.0	-6999	+0.000			
D 2345	-17.89	-14.28	-11.46	-09.41	-07.45	-11.442	-12.26	-14.19	-17.81	25.63	-148.8	-6999	+0.000			
D 0000	-17.88	-14.27	-11.46	-09.40	-07.38	-11.552	-12.24	-14.18	-17.80	27.72	-153.6	-6999	+0.000			
D 0015																

Time	1.75m			1.0m			1.75m			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
0700	-17.86	-14.26	-11.36	-0.83	-6.216	-0.366	-12.01	-14.02	-17.62	-6999	-6999	-6999	-6999	-6999	-0.000	
0715	-17.85	-14.26	-11.36	-0.81	-6.192	-0.375	-11.99	-14.00	-17.62	-6999	-6999	-6999	-6999	-6999	-0.000	
0730	-17.85	-14.26	-11.36	-0.79	-6.173	-0.383	-11.99	-14.00	-17.61	-6999	-6999	-6999	-6999	-6999	-0.000	
0745	-17.85	-14.26	-11.35	-0.77	-6.148	-0.389	-11.99	-14.00	-17.61	-6999	-6999	-6999	-6999	-6999	-0.000	
0800	-17.85	-14.26	-11.35	-0.75	-6.129	-0.398	-11.98	-13.99	-17.60	-6999	-6999	-6999	-6999	-6999	-0.000	
0815	-17.84	-14.25	-11.34	-0.73	-6.104	-0.403	-11.97	-13.99	-17.59	-6999	-6999	-6999	-6999	-6999	-0.000	
0830	-17.84	-14.25	-11.34	-0.71	-6.084	-0.408	-11.97	-13.98	-17.59	-6999	-6999	-6999	-6999	-6999	-0.000	
0845	-17.85	-14.26	-11.34	-0.70	-6.068	-0.411	-11.98	-13.98	-17.59	-6999	-6999	-6999	-6999	-6999	-0.000	
0900	-17.84	-14.25	-11.33	-0.67	-6.043	-0.433	-11.95	-13.97	-17.57	-6999	-6999	-6999	-6999	-6999	-0.000	
0915	-17.85	-14.26	-11.32	-0.66	-6.026	-0.455	-11.95	-13.97	-17.57	-6999	-6999	-6999	-6999	-6999	-0.000	
0930	-17.84	-14.25	-11.32	-0.64	-6.006	-0.478	-11.94	-13.97	-17.57	-6999	-6999	-6999	-6999	-6999	-0.000	
0945	-17.84	-14.25	-11.31	-0.62	-5.987	-0.501	-11.93	-13.96	-17.56	-6999	-6999	-6999	-6999	-6999	-0.000	
1000	-17.85	-14.25	-11.31	-0.60	-5.969	-0.527	-11.93	-13.96	-17.56	-6999	-6999	-6999	-6999	-6999	-0.000	
1015	-17.84	-14.25	-11.30	-0.58	-5.949	-0.577	-11.92	-13.95	-17.55	-6999	-6999	-6999	-6999	-6999	-0.000	
1030	-17.84	-14.25	-11.30	-0.56	-5.931	-0.620	-11.92	-13.95	-17.55	-6999	-6999	-6999	-6999	-6999	-0.000	
1045	-17.83	-14.24	-11.29	-0.54	-5.912	-0.660	-11.91	-13.94	-17.54	-6999	-6999	-6999	-6999	-6999	-0.000	
1100	-17.84	-14.25	-11.29	-0.52	-5.897	-0.704	-11.91	-13.94	-17.54	-6999	-6999	-6999	-6999	-6999	-0.000	
1115	-17.84	-14.25	-11.28	-0.51	-5.882	-0.690	-11.90	-13.93	-17.54	-6999	-6999	-6999	-6999	-6999	-0.000	
1130	-17.83	-14.24	-11.27	-0.49	-5.866	-0.590	-11.90	-13.93	-17.53	-6999	-6999	-6999	-6999	-6999	-0.000	
1145	-17.83	-14.24	-11.27	-0.47	-5.852	-0.615	-11.89	-13.93	-17.53	-6999	-6999	-6999	-6999	-6999	-0.000	
1200	-17.84	-14.25	-11.27	-0.46	-5.841	-0.599	-11.88	-13.92	-17.52	-6999	-6999	-6999	-6999	-6999	-0.000	
1215	-17.83	-14.24	-11.26	-0.43	-5.820	-0.587	-11.88	-13.92	-17.52	-6999	-6999	-6999	-6999	-6999	-0.000	
1230	-17.83	-14.24	-11.25	-0.41	-5.807	-0.599	-11.88	-13.92	-17.52	-6999	-6999	-6999	-6999	-6999	-0.000	
1245	-17.83	-14.24	-11.25	-0.41	-5.797	-0.621	-11.87	-13.91	-17.51	-6999	-6999	-6999	-6999	-6999	-0.000	
1300	-17.83	-14.24	-11.24	-0.39	-5.780	-0.907	-11.86	-13.91	-17.51	-6999	-6999	-6999	-6999	-6999	-0.000	
1315	-17.83	-14.24	-11.24	-0.37	-5.770	-2.208	-11.86	-13.91	-17.51	-6999	-6999	-6999	-6999	-6999	-0.000	
1330	-17.83	-14.24	-11.23	-0.36	-5.756	-4.900	-11.84	-13.90	-17.50	-6999	-6999	-6999	-6999	-6999	-0.000	
1345	-17.83	-14.24	-11.23	-0.34	-5.743	-8.171	-11.83	-13.90	-17.50	-6999	-6999	-6999	-6999	-6999	-0.000	
1400	-17.82	-14.23	-11.21	-0.32	-5.745	-8.999	-11.82	-13.90	-17.50	-6999	-6999	-6999	-6999	-6999	-0.000	
1415	-17.82	-14.23	-11.21	-0.31	-5.763	-11.721	-11.82	-13.90	-17.50	-6999	-6999	-6999	-6999	-6999	-0.000	
1430	-17.82	-14.23	-11.20	-0.29	-5.799	-13.571	-11.82	-13.90	-17.50	-6999	-6999	-6999	-6999	-6999	-0.000	
1445	-17.82	-14.23	-11.20	-0.28	-5.859	-13.371	-11.82	-13.90	-17.50	-6999	-6999	-6999	-6999	-6999	-0.000	
1500	-17.82	-14.23	-11.20	-0.26	-5.953	-11.781	-11.82	-13.90	-17.50	-6999	-6999	-6999	-6999	-6999	-0.000	
1515	-17.82	-14.23	-11.19	-0.25	-6.075	-11.531	-11.82	-13.90	-17.50	-6999	-6999	-6999	-6999	-6999	-0.000	
1530	-17.82	-14.23	-11.18	-0.23	-6.225	-10.131	-11.82	-13.90	-17.50	-6999	-6999	-6999	-6999	-6999	-0.000	
1545	-17.82	-14.23	-11.17	-0.22	-6.394	-0.931	-11.82	-13.91	-17.51	-6999	-6999	-6999	-6999	-6999	-0.000	
1600	-17.82	-14.23	-11.17	-0.22	-6.571	-0.856	-11.87	-13.91	-17.51	-6999	-6999	-6999	-6999	-6999	-0.000	
1615	-17.81	-14.22	-11.16	-0.21	-6.743	-0.871	-11.88	-13.92	-17.52	-6999	-6999	-6999	-6999	-6999	-0.000	
1630	-17.81	-14.22	-11.15	-0.21	-6.909	-0.731	-11.89	-13.92	-17.52	-6999	-6999	-6999	-6999	-6999	-0.000	
1645	-17.81	-14.22	-11.14	-0.21	-7.075	-6.500	-11.91	-13.93	-17.53	-6999	-6999	-6999	-6999	-6999	-0.000	
1700	-17.81	-14.22	-11.14	-0.21	-7.191	-6.233	-11.92	-13.93	-17.53	-6999	-6999	-6999	-6999	-6999	-0.000	
1715	-17.81	-14.22	-11.13	-0.21	-7.304	-4.981	-11.92	-13.92	-17.52	-6999	-6999	-6999	-6999	-6999	-0.000	
1730	-17.80	-14.21	-11.12	-0.21	-7.391	-3.995	-11.92	-13.92	-17.52	-6999	-6999	-6999	-6999	-6999	-0.000	
1745	-17.80	-14.22	-11.12	-0.23	-7.466	-2.844	-11.94	-13.94	-17.54	-6999	-6999	-6999	-6999	-6999	-0.000	
1800	-17.80	-14.22	-11.11	-0.24	-7.521	-1.996	-11.95	-13.94	-17.54	-6999	-6999	-6999	-6999	-6999	-0.000	
1815	-17.81	-14.22	-11.10	-0.26	-7.555	-1.311	-11.95	-13.94	-17.54	-6999	-6999	-6999	-6999	-6999	-0.000	
1830	-17.81	-14.22	-11.09	-0.26	-7.566	-0.770	-11.95	-13.94	-17.55	-6999	-6999	-6999	-6999	-6999	-0.000	
1845	-17.80	-14.21	-11.08	-0.29	-7.566	-0.346	-11.95	-13.94	-17.54	-6999	-6999	-6999	-6999	-6999	-0.000	
1900	-17.80	-14.21	-11.08	-0.30	-7.533	-0.010	-11.95	-13.94	-17.54	-6999	-6999	-6999	-6999	-6999	-0.000	
1915	-17.80	-14.21	-11.07	-0.32	-7.491	-0.046	-11.95	-13.94	-17.54	-6999	-6999	-6999	-6999	-6999	-0.000	
1930	-17.80	-14.22	-11.07	-0.34	-7.444	-0.469	-11.95	-13.94	-17.54	-6999	-6999	-6999	-6999	-6999	-0.000	
1945	-17.80	-14.21	-11.06	-0.35	-7.377	-0.461	-11.95	-13.94	-17.53	-6999	-6999	-6999	-6999	-6999	-0.000	
2000	-17.80	-14.21	-11.05	-0.36	-7.306	-0.406	-11.94	-13.94	-17.54	-6999	-6999	-6999	-6999	-6999	-0.000	
2015	-17.80	-14.21	-11.05	-0.38	-7.221	-0.334	-11.93	-13.93	-17.52	-6999	-6999	-6999	-6999	-6999	-0.000	
2030	-17.79	-14.21	-11.04	-0.39	-7.141	-0.277	-11.92	-13.92	-17.52	-6999	-6999	-6999	-6999	-6999	-0.000	
2045	-17.79	-14.21	-11.03	-0.40	-7.066	-0.230	-11.92	-13.92	-17.51	-6999	-6999	-6999	-6999	-6999	-0.000	

Time	1.75m			1.0m			1.75m			PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil							
2100	-17.80	-14.21	-11.03	-0.41	-6.984	-0.193	-11.91	-13.92	-17.51	-6999	-6999	-6999	-6999	-6999	-0.000	
2115	-17.79	-14.21	-11.02	-0.41	-6.984	-0.162	-11.90	-13.91	-17.50	-6999	-6999	-6999	-6999	-6999	-0.000	
2130	-17.80	-14.21	-11.02	-0.42	-6.830	-0.137	-11.89	-13.91	-17.50	-6999	-6999	-6999	-6999	-6999	-0.000	
2145	-17.80	-14.21	-11.01	-0.42	-6.751	-0.106	-11.89	-13.90	-17.49	-6999	-6999	-6999	-6999	-6999	-0.000	
2200	-17.79	-14.20	-11.01	-0.41	-6.673	-0.061	-11.88	-13.90	-17.49	-6999	-6999	-6999	-6999	-6999	-0.000	
2215	-17.78	-14.19	-11.00	-0.41	-6.603	-0.000	-11.87	-13.89	-17.48	-6999	-6999	-6999	-6999	-6999	-0.000	
2230	-17.78	-14.20	-10.99	-0.41	-6.539	-0.051	-11.86	-13.89	-17.47	-6999	-6999	-6999	-6999	-6999	-0.000	
2245	-17.79	-14.20	-10.99	-0.41	-6.469	-0.114	-11.85	-13.88	-17.46	-6999	-6999	-6999	-6999	-6999	-0.000	
2300	-17.79	-14.20	-10.99	-0.40	-6.406	-0.211	-11.84	-13.87	-17.46	-6999	-6999	-6999	-6999	-6999	-0.000	
2315	-17.79	-14.20	-10.98	-0.39	-6.343	-0.343	-11.83	-13.87	-17.45	-6999	-6999	-6999	-6999	-6999	-0.000	
2330	-17.79	-14.20	-10.97	-0.38	-6.281	-0.446	-11.83	-13.86	-17.45	-6999	-6999	-6999	-6999	-6999	-0.000	
2345	-17.78	-14.20	-10.97	-0.37	-6.223	-0.503	-11.84	-13.85	-17.44	-6999	-6999	-6999	-6999	-6999	-0.000	
0000	-17.78	-14.20	-10.96	-0.36	-6.164	-0.636	-11.80	-13.85	-17.44	-6999	-6999	-6999	-6999	-6999	-0.000	
0015	-17.78	-14.19	-10.96	-0.35	-6.108	-0.789	-11.79	-13.84	-17.43	-6999	-6999	-6999	-6999	-6999	-0.000	
0030	-17.78	-14.19	-10.95	-0.34	-6.051	-0.917	-11.78	-13.84	-17.42	-6999	-6999	-6999	-6999	-6999	-0.000	
0045	-17.78	-14.19	-10.95	-0.32	-5.997	-1.042	-11.77	-13.83	-17.42	-6999	-6999	-6999	-6999	-6999	-0.000	
0100	-17.77	-14.19	-10.94	-0.31	-5.944	-1.095	-11.76	-13.83	-17.42	-6999	-6999	-6999	-6999	-6999	-0.000	
0115	-17.77	-14.19	-10.94	-0.29	-5.893	-1.139	-11.75	-13.82	-17.40	-6999	-6999	-6999	-6999	-6999	-0.000	
0130	-17.77	-14.19	-10.93	-0.28	-5.841	-1.251	-11.74	-13.81	-17.40	-6999	-6999	-				

Time	1.75m					1.0m			1.75m			Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC	Air	PVC			
1045	-17.74	-14.14	-10.75	-0.75	-4.504	-0.160	-11.42	-13.61	-17.18	-10.84	+0.83	-7.699	+0.000	
1050	-17.73	-14.13	-10.74	-0.75	-4.484	-0.003	-11.42	-13.61	-17.18	-11.20	+0.83	-7.699	+0.000	
1100	-17.73	-14.13	-10.73	-0.75	-4.467	+0.194	-11.41	-13.61	-17.17	-10.52	+0.81	-7.699	+0.000	
1130	-17.73	-14.13	-10.73	-0.74	-4.450	+0.617	-11.41	-13.60	-17.16	-0.06	+0.79	-7.699	+0.000	
1145	-17.73	-14.13	-10.72	-0.74	-4.432	+1.050	-11.40	-13.59	-17.16	-6.823	+0.78	-7.699	+0.000	
1200	-17.73	-14.13	-10.72	-0.74	-4.420	+1.521	-11.40	-13.59	-17.15	-10.79	+0.81	-7.699	+0.000	
1215	-17.73	-14.13	-10.71	-0.74	-4.408	+2.000	-11.40	-13.59	-17.15	-12.92	+0.81	-7.699	+0.000	
1230	-17.73	-14.12	-10.70	-0.74	-4.396	+2.348	-11.39	-13.58	-17.15	-14.92	+0.81	-7.699	+0.000	
1245	-17.73	-14.12	-10.69	-0.73	-4.392	+2.747	-11.39	-13.58	-17.14	-17.07	+0.76	-7.699	+0.000	
1300	-17.73	-14.12	-10.69	-0.73	-4.395	+2.664	-11.39	-13.58	-17.14	-15.550	+0.74	-7.699	+0.000	
1315	-17.72	-14.12	-10.68	-0.73	-4.405	+2.519	-11.39	-13.57	-17.14	-14.581	+0.75	-7.699	+0.000	
1330	-17.73	-14.11	-10.67	-0.73	-4.429	+2.144	-11.38	-13.57	-17.13	-12.99	+0.80	-7.699	+0.000	
1345	-17.72	-14.12	-10.67	-0.73	-4.469	+3.339	-11.38	-13.56	-17.12	-10.93	+0.82	-7.699	+0.000	
1400	-17.72	-14.11	-10.66	-0.72	-4.510	+3.123	-11.39	-13.56	-17.12	-11.64	+0.82	-7.699	+0.000	
1415	-17.72	-14.11	-10.65	-0.72	-4.566	+2.970	-11.39	-13.56	-17.12	-14.331	+0.75	-7.699	+0.000	
1430	-17.72	-14.11	-10.65	-0.72	-4.624	+3.102	-11.39	-13.56	-17.12	-14.538	+0.76	-7.699	+0.000	
1445	-17.72	-14.11	-10.64	-0.72	-4.683	+3.804	-11.40	-13.55	-17.12	-14.506	+0.74	-7.699	+0.000	
1500	-17.72	-14.11	-10.63	-0.74	-4.744	+4.509	-11.40	-13.56	-17.12	-14.091	+0.69	-7.699	+0.000	
1515	-17.71	-14.10	-10.62	-0.73	-4.800	+4.871	-11.40	-13.55	-17.11	-14.011	+0.72	-7.699	+0.000	
1530	-17.71	-14.10	-10.61	-0.72	-4.856	+4.921	-11.40	-13.55	-17.11	-14.077	+0.72	-7.699	+0.000	
1545	-17.71	-14.10	-10.60	-0.72	-4.915	+5.467	-11.40	-13.55	-17.11	-14.582	+0.74	-7.699	+0.000	
1600	-17.71	-14.10	-10.60	-0.72	-4.976	+6.853	-11.41	-13.55	-17.11	-15.111	+0.74	-7.699	+0.000	
1615	-17.71	-14.10	-10.59	-0.71	-5.034	+7.98	-11.41	-13.55	-17.11	-15.773	+0.76	-7.699	+0.000	
1630	-17.71	-14.10	-10.58	-0.71	-5.101	+9.27	-11.42	-13.55	-17.12	-16.110	+0.77	-7.699	+0.000	
1645	-17.71	-14.09	-10.57	-0.71	-5.170	+10.59	-11.42	-13.56	-17.12	-15.108	+0.74	-7.699	+0.000	
1700	-17.71	-14.09	-10.57	-0.71	-5.252	+6.710	-11.43	-13.56	-17.12	-14.788	+0.78	-7.699	+0.000	
1715	-17.70	-14.09	-10.56	-0.71	-5.339	+4.995	-11.44	-13.56	-17.12	-13.915	+0.63	-7.699	+0.000	
1730	-17.70	-14.09	-10.55	-0.71	-5.437	+4.495	-11.44	-13.56	-17.12	-13.288	+0.65	-7.699	+0.000	
1745	-17.70	-14.09	-10.54	-0.71	-5.534	+3.480	-11.44	-13.56	-17.13	-12.898	+0.65	-7.699	+0.000	
1800	-17.70	-14.09	-10.53	-0.71	-5.632	+2.753	-11.45	-13.57	-17.13	-12.747	+0.67	-7.699	+0.000	
1815	-17.70	-14.08	-10.52	-0.71	-5.731	+1.149	-11.45	-13.57	-17.13	-12.565	+0.64	-7.699	+0.000	
1830	-17.70	-14.08	-10.51	-0.71	-5.830	+0.662	-11.45	-13.57	-17.13	-12.407	+0.64	-7.699	+0.000	
1845	-17.70	-14.08	-10.51	-0.70	-5.929	+1.342	-11.46	-13.57	-17.14	-12.371	+0.65	-7.699	+0.000	
1900	-17.70	-14.08	-10.50	-0.70	-6.028	+1.191	-11.45	-13.57	-17.13	-12.344	+0.64	-7.699	+0.000	
1915	-17.70	-14.08	-10.49	-0.71	-6.127	+0.993	-11.46	-13.57	-17.13	-12.385	+0.64	-7.699	+0.000	
1930	-17.70	-14.08	-10.49	-0.71	-6.226	+0.858	-11.46	-13.57	-17.13	-12.477	+0.63	-7.699	+0.000	
1945	-17.70	-14.08	-10.48	-0.71	-6.325	+0.892	-11.46	-13.58	-17.14	-12.386	+0.63	-7.699	+0.000	
2000	-17.69	-14.07	-10.47	-0.71	-6.424	+0.819	-11.45	-13.57	-17.13	-12.403	+0.70	-7.699	+0.000	
2015	-17.70	-14.07	-10.46	-0.71	-6.523	+0.738	-11.45	-13.57	-17.13	-12.485	+0.68	-7.699	+0.000	
2030	-17.70	-14.07	-10.46	-0.71	-6.622	+0.704	-11.45	-13.57	-17.13	-12.562	+0.48	-7.699	+0.000	
2045	-17.69	-14.07	-10.45	-0.71	-6.721	+0.725	-11.45	-13.57	-17.13	-12.608	+0.64	-7.699	+0.000	
2100	-17.69	-14.06	-10.44	-0.71	-6.820	+0.716	-11.45	-13.57	-17.13	-12.682	+0.63	-7.699	+0.000	
2115	-17.69	-14.06	-10.44	-0.71	-6.919	+0.641	-11.45	-13.57	-17.13	-12.751	+0.61	-7.699	+0.000	
2130	-17.69	-14.06	-10.43	-0.71	-7.018	+0.530	-11.44	-13.56	-17.12	-12.761	+0.61	-7.699	+0.000	
2145	-17.69	-14.06	-10.42	-0.71	-7.117	+0.530	-11.44	-13.56	-17.12	-12.726	+0.61	-7.699	+0.000	
2200	-17.68	-14.06	-10.41	-0.71	-7.216	+0.563	-11.44	-13.56	-17.11	-12.682	+0.61	-7.699	+0.000	
2215	-17.69	-14.06	-10.41	-0.71	-7.315	+0.563	-11.44	-13.56	-17.11	-12.682	+0.61	-7.699	+0.000	
2230	-17.68	-14.05	-10.40	-0.71	-7.414	+0.505	-11.43	-13.55	-17.10	-12.643	+0.62	-7.699	+0.000	
2245	-17.68	-14.05	-10.39	-0.71	-7.513	+0.647	-11.42	-13.55	-17.10	-12.781	+0.62	-7.699	+0.000	
2300	-17.68	-14.05	-10.39	-0.71	-7.612	+0.695	-11.42	-13.55	-17.10	-12.718	+0.62	-7.699	+0.000	
2315	-17.68	-14.05	-10.38	-0.71	-7.711	+0.741	-11.42	-13.54	-17.10	-12.882	+0.62	-7.699	+0.000	
2330	-17.68	-14.05	-10.37	-0.71	-7.810	+0.721	-11.41	-13.54	-17.10	-12.550	+0.63	-7.699	+0.000	
2345	-17.68	-14.04	-10.37	-0.71	-7.909	+0.710	-11.40	-13.53	-17.09	-12.618	+0.62	-7.699	+0.000	
0000	-17.68	-14.04	-10.36	-0.71	-8.008	+0.746	-11.40	-13.53	-17.08	-12.609	+0.63	-7.699	+0.000	
0015	-17.68	-14.04	-10.36	-0.71	-8.107	+0.760	-11.39	-13.53	-17.08	-12.732	+0.64	-7.699	+0.000	

Time	1.75m					1.0m			1.75m			Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC	Air	PVC			
0030	-17.67	-14.04	-10.35	-0.72	-8.206	+0.738	-11.39	-13.52	-17.08	-12.829	+0.61	-7.699	+0.000	
0045	-17.68	-14.04	-10.34	-0.72	-8.305	+0.724	-11.39	-13.52	-17.08	-12.912	+0.62	-7.699	+0.000	
0100	-17.68	-14.04	-10.34	-0.72	-8.404	+0.729	-11.38	-13.52	-17.07	-12.953	+0.61	-7.699	+0.000	
0115	-17.67	-14.04	-10.33	-0.72	-8.503	+0.784	-11.38	-13.51	-17.07	-13.074	+0.63	-7.699	+0.000	
0130	-17.67	-14.03	-10.32	-0.72	-8.602	+0.806	-11.38	-13.51	-17.06	-13.188	+0.64	-7.699	+0.000	
0145	-17.67	-14.03	-10.32	-0.72	-8.701	+0.846	-11.38	-13.51	-17.06	-13.302	+0.64	-7.699	+0.000	
0200	-17.67	-14.03	-10.31	-0.72	-8.800	+0.896	-11.36	-13.50	-17.05	-13.416	+0.65	-7.699	+0.000	
0215	-17.67	-14.02	-10.31	-0.72	-8.900	+1.025	-11.36	-13.50	-17.05	-13.564	+0.66	-7.699	+0.000	
0230	-17.67	-14.02	-10.30	-0.72	-9.000	+1.114	-11.36	-13.50	-17.05	-13.712	+0.65	-7.699	+0.000	
0245	-17.66	-14.02	-10.30	-0.72	-9.100	+1.260	-11.35	-13.49	-17.05	-13.860	+0.66	-7.699	+0.000	
0300	-17.66	-14.02	-10.29	-0.72	-9.200	+1.116	-11.35	-13.49	-17.05	-14.008	+0.65	-7.699	+0.000	
0315	-17.66	-14.02	-10.29	-0.72	-9.300	+1.508	-11.35	-13.49	-17.04	-14.156	+0.66	-7.699	+0.000	
0330	-17.66	-14.01	-10.28	-0.71	-9.400	+1.643	-11.34	-13.48	-17.04	-14.304	+0.66	-7.699	+0.000	
0345	-17.67	-14.02	-10.28	-0.72	-9.500	+1.817	-11.34	-13.48	-17.03	-14.452	+0.67	-7.699	+0.000	
0400	-17.66	-14.01	-10.27	-0.71	-9.600	+2.114	-11.34	-13.48	-17.03	-14.600	+0.67	-7.699	+0.000	
0415	-17.66	-14.01	-10.27	-0.71	-9.700	+2.381	-11.33	-13.48	-17.03	-14.748	+0.67	-7.699	+0.000	
0430	-17.66	-14.01	-10.26	-0.71	-9.800	+2.648	-11.33	-13.47	-17.02	-14.896	+0.67	-7.699	+0.000	
0445	-17.66	-14.01	-10.26	-0.71	-9.900	+2.915	-11.33	-13.47	-17.02	-15.044	+0.67	-7.699	+0.000	
0500	-17.66	-14.01	-10.25	-0.71	-10.000	+3.182	-11.32	-13.47	-17.02	-15.192	+0.67	-7.699	+0.000	
0515	-17.66	-14.00	-10.25	-0.71	-10.100	+3.449	-11.32	-13.47	-17.02	-15.340	+0.67	-7.699	+0.000	
0530	-17.66	-14.00	-10.24	-0.71	-10.200	+3.716	-11.32	-13.46	-17.01	-15.488	+0.67	-7.699	+0.000	
0545	-17.66	-14.00	-10.24	-0.71	-10.300	+3.983	-11.32	-13.46	-17.01	-15.636	+0.67	-7.699	+0.000	
0600	-17.65	-13.99	-10.23	-0.71	-10.400	+4.250	-11.32	-13.46	-17.01	-15.784	+0.67	-7.699	+0.000	
0615	-17.65	-13.99	-10.23	-0.71	-10.500	+4.517	-11.32	-13.47	-17.01	-15.932	+0.68	-7.699	+0.000	
0630	-17.65	-13.99	-10.22	-0.71	-10.600	+4.784	-11.32	-13.46	-17.01	-16.080	+0.68	-7.699	+0.000	
0645	-17.65	-13.99	-10.22	-0.71	-10.700	+5.051	-11.32	-13.46	-17.01	-16.228	+0.68	-7.699	+0.000	
0700	-17.65	-13.99	-10.21	-0.71	-10.800	+5.318	-11.32	-13.46	-17.01	-16.376	+0.68	-7.699	+0.000	
0715	-17.65	-13.98	-10.21	-0.71	-10.900	+5.585	-11.32	-13.46	-17.01	-16.524	+0.68	-7.699	+0.000	
0730	-17.65													



Time	1.75m Soil	1.0m Soil	.5m Soil	.25m Soil	.125m Soil	Surf. Soil	PVC 1.0m	PVC 1.75m	PVC 1.75m	Air	Rel. Hum.	Net Rad.	Precip
1430	-17.63	-13.92	-10.07	-07.21	-07.20	-11.79	-11.44	-13.54	-17.08	-12.69	-64.59	-6999.	+0.000
1445	-17.61	-13.91	-10.06	-07.22	-07.31	-12.40	-11.45	-13.57	-17.12	-12.88	-64.25	-6999.	+0.000
1500	-17.62	-13.91	-10.06	-07.25	-07.42	-13.31	-11.46	-13.59	-17.13	-13.56	-64.84	-6999.	+0.000
1515	-17.61	-13.91	-10.05	-07.27	-07.52	-13.07	-11.47	-13.59	-17.14	-12.60	-64.76	-6999.	+0.000
1530	-17.61	-13.91	-10.05	-07.32	-07.63	-13.96	-11.49	-13.60	-17.14	-12.61	-64.76	-6999.	+0.000
1545	-17.61	-13.91	-10.04	-07.35	-07.71	-13.82	-11.50	-13.61	-17.15	-13.26	-63.74	-6999.	+0.000
1600	-17.62	-13.91	-10.04	-07.35	-07.80	-13.93	-11.51	-13.61	-17.16	-13.20	-62.86	-6999.	+0.000
1615	-17.61	-13.90	-10.04	-07.37	-07.88	-14.26	-11.52	-13.62	-17.16	-13.13	-62.88	-6999.	+0.000
1630	-17.61	-13.90	-10.03	-07.40	-07.97	-14.38	-11.53	-13.63	-17.18	-13.14	-63.20	-6999.	+0.000
1645	-17.60	-13.89	-10.03	-07.43	-08.06	-14.74	-11.54	-13.64	-17.18	-13.33	-63.10	-6999.	+0.000
1700	-17.61	-13.90	-10.03	-07.46	-08.16	-14.90	-11.55	-13.64	-17.19	-13.00	-63.50	-6999.	+0.000
1715	-17.60	-13.89	-10.02	-07.49	-08.26	-13.96	-11.56	-13.65	-17.20	-12.16	-64.96	-6999.	+0.000
1730	-17.61	-13.89	-10.02	-07.52	-08.36	-12.65	-11.58	-13.66	-17.21	-11.91	-66.25	-6999.	+0.000
1745	-17.60	-13.89	-10.01	-07.55	-08.46	-11.59	-11.58	-13.66	-17.21	-11.97	-67.54	-6999.	+0.000
1800	-17.60	-13.89	-10.01	-07.59	-08.57	-10.83	-11.60	-13.67	-17.21	-11.97	-68.19	-6999.	+0.000
1815	-17.60	-13.88	-10.01	-07.62	-08.66	-10.22	-11.61	-13.68	-17.23	-11.99	-68.50	-6999.	+0.000
1830	-17.60	-13.88	-10.01	-07.65	-08.74	-09.73	-11.62	-13.69	-17.23	-11.91	-67.96	-6999.	+0.000
1845	-17.60	-13.88	-10.00	-07.68	-08.80	-09.38	-11.63	-13.69	-17.23	-11.73	-67.96	-6999.	+0.000
1900	-17.60	-13.88	-10.00	-07.72	-08.86	-09.11	-11.64	-13.69	-17.24	-11.77	-68.02	-6999.	+0.000
1915	-17.60	-13.87	-09.99	-07.75	-08.90	-08.93	-11.65	-13.70	-17.25	-11.69	-67.81	-6999.	+0.000
1930	-17.59	-13.87	-09.99	-07.78	-08.92	-08.78	-11.66	-13.71	-17.26	-11.46	-67.48	-6999.	+0.000
1945	-17.59	-13.87	-09.99	-07.81	-08.94	-08.48	-11.66	-13.71	-17.26	-11.30	-67.58	-6999.	+0.000
2000	-17.59	-13.87	-09.99	-07.84	-08.94	-08.28	-11.67	-13.72	-17.26	-11.25	-67.42	-6999.	+0.000
2015	-17.59	-13.87	-09.99	-07.87	-08.94	-08.06	-11.67	-13.72	-17.27	-11.08	-66.89	-6999.	+0.000
2030	-17.59	-13.87	-09.99	-07.93	-08.94	-08.19	-11.67	-13.72	-17.27	-11.10	-66.95	-6999.	+0.000
2045	-17.59	-13.86	-09.99	-07.96	-08.92	-07.98	-11.68	-13.72	-17.27	-11.12	-66.66	-6999.	+0.000
2100	-17.59	-13.85	-09.98	-07.99	-08.92	-07.82	-11.68	-13.72	-17.27	-10.98	-66.56	-6999.	+0.000
2115	-17.58	-13.85	-09.98	-08.02	-08.89	-07.82	-11.68	-13.72	-17.27	-10.88	-66.47	-6999.	+0.000
2130	-17.58	-13.85	-09.98	-08.05	-08.87	-07.57	-11.68	-13.72	-17.27	-10.96	-65.74	-6999.	+0.000
2145	-17.58	-13.85	-09.98	-08.07	-08.85	-07.46	-11.69	-13.73	-17.27	-10.84	-66.02	-6999.	+0.000
2200	-17.59	-13.85	-09.98	-08.10	-08.83	-07.26	-11.69	-13.73	-17.27	-10.81	-65.98	-6999.	+0.000
2215	-17.58	-13.85	-09.98	-08.13	-08.81	-07.26	-11.69	-13.73	-17.27	-10.60	-66.44	-6999.	+0.000
2230	-17.58	-13.84	-09.98	-08.15	-08.78	-07.10	-11.69	-13.73	-17.28	-10.24	-66.00	-6999.	+0.000
2245	-17.58	-13.84	-09.98	-08.18	-08.76	-6.828	-11.70	-13.73	-17.28	-10.24	-66.12	-6999.	+0.000
2300	-17.58	-13.84	-09.98	-08.20	-08.73	-6.563	-11.69	-13.73	-17.28	-10.19	-66.47	-6999.	+0.000
2315	-17.58	-13.84	-09.98	-08.22	-08.70	-6.230	-11.69	-13.73	-17.28	-10.05	-66.24	-6999.	+0.000
2330	-17.58	-13.83	-09.98	-08.24	-08.67	-6.008	-11.69	-13.73	-17.27	-10.05	-66.24	-6999.	+0.000
2345	-17.58	-13.83	-09.98	-08.26	-08.64	-5.773	-11.69	-13.73	-17.27	-10.15	-66.52	-6999.	+0.000
2400	-17.57	-13.83	-09.98	-08.27	-08.61	-5.727	-11.69	-13.73	-17.27	-10.33	-66.31	-6999.	+0.000
87 344													
0015	-17.58	-13.83	-09.98	-08.29	-08.58	-5.609	-11.68	-13.73	-17.27	-10.19	-66.14	-6999.	+0.000
0030	-17.58	-13.82	-09.99	-08.31	-08.54	-5.643	-11.69	-13.72	-17.27	-10.24	-65.86	-6999.	+0.000
0045	-17.58	-13.82	-09.99	-08.33	-08.51	-5.513	-11.68	-13.72	-17.26	-10.16	-65.82	-6999.	+0.000
0100	-17.57	-13.82	-09.99	-08.34	-08.47	-5.645	-11.68	-13.72	-17.26	-10.34	-65.89	-6999.	+0.000
0115	-17.57	-13.82	-09.99	-08.35	-08.43	-5.785	-11.67	-13.72	-17.26	-10.27	-65.37	-6999.	+0.000
0130	-17.57	-13.82	-10.00	-08.36	-08.43	-5.799	-11.67	-13.72	-17.26	-10.24	-65.29	-6999.	+0.000
0145	-17.57	-13.81	-10.00	-08.37	-08.36	-5.814	-11.67	-13.71	-17.25	-10.24	-65.36	-6999.	+0.000
0160	-17.57	-13.81	-10.00	-08.38	-08.32	-5.660	-11.67	-13.71	-17.26	-10.25	-65.37	-6999.	+0.000
0175	-17.57	-13.81	-10.00	-08.39	-08.29	-5.441	-11.66	-13.71	-17.25	-10.31	-64.52	-6999.	+0.000
0200	-17.57	-13.81	-10.00	-08.40	-08.25	-5.427	-11.66	-13.71	-17.25	-10.28	-63.59	-6999.	+0.000
0215	-17.57	-13.80	-10.01	-08.40	-08.22	-5.441	-11.67	-13.71	-17.25	-10.31	-64.52	-6999.	+0.000
0230	-17.57	-13.80	-10.01	-08.40	-08.25	-5.427	-11.66	-13.71	-17.25	-10.28	-63.59	-6999.	+0.000
0245	-17.57	-13.80	-10.01	-08.40	-08.18	-5.198	-11.66	-13.70	-17.24	-09.66	-64.52	-6999.	+0.000
0300	-17.56	-13.80	-10.01	-08.40	-08.16	-4.865	-11.66	-13.70	-17.24	-09.66	-66.22	-6999.	+0.000
0315	-17.56	-13.80	-10.02	-08.42	-08.16	-4.865	-11.66	-13.70	-17.24	-09.66	-64.66	-6999.	+0.000
0330	-17.56	-13.80	-10.01	-08.42	-08.13	-4.724	-11.65	-13.70	-17.24	-09.66	-63.88	-6999.	+0.000
0345	-17.56	-13.80	-10.02	-08.43	-08.10	-4.758	-11.65	-13.69	-17.24	-09.86	-63.88	-6999.	+0.000
0400	-17.56	-13.79	-10.02	-08.43	-08.07	-5.121	-11.64	-13.69	-17.23	-10.20	-63.57	-6999.	+0.000

Time	1.75m Soil	1.0m Soil	.5m Soil	.25m Soil	.125m Soil	Surf. Soil	PVC 1.0m	PVC 1.75m	PVC 1.75m	Air	Rel. Hum.	Net Rad.	Precip
0415	-17.56	-13.79	-10.02	-08.43	-08.04	-5.372	-11.64	-13.69	-17.23	-10.11	-63.40	-6999.	+0.000
0430	-17.56	-13.79	-10.03	-08.43	-08.00	-5.427	-11.64	-13.69	-17.23	-10.07	-64.63	-6999.	+0.000
0445	-17.56	-13.78	-10.03	-08.43	-07.97	-5.591	-11.64	-13.69	-17.23	-10.25	-65.71	-6999.	+0.000
0500	-17.56	-13.78	-10.03	-08.44	-07.94	-5.718	-11.63	-13.68	-17.22	-10.65	-67.08	-6999.	+0.000
0515	-17.56	-13.78	-10.04	-08.44	-07.91	-5.802	-11.63	-13.68	-17.22	-10.74	-67.53	-6999.	+0.000
0530	-17.56	-13.78	-10.04	-08.44	-07.89	-5.882	-11.63	-13.68	-17.22	-10.97	-67.63	-6999.	+0.000
0545	-17.56	-13.78	-10.05	-08.44	-07.87	-5.932	-11.62	-13.67	-17.22	-11.08	-67.64	-6999.	+0.000
0600	-17.56	-13.77	-10.05	-08.44	-07.85	-5.988	-11.62	-13.67	-17.21	-11.16	-67.89	-6999.	+0.000
0615	-17.55	-13.77	-10.05	-08.44	-07.83	-6.097	-11.62	-13.67	-17.21	-11.32	-68.11	-6999.	+0.000
0630	-17.55	-13.77	-10.05	-08.44	-07.82	-6.137	-11.62	-13.67	-17.21	-11.49	-68.01	-6999.	+0.000
0645	-17.55	-13.76	-10.06	-08.44	-07.80	-6.246	-11.61	-13.67	-17.21	-11.43	-68.02	-6999.	+0.000
0700	-17.55	-13.76	-10.06	-08.43	-07.79	-6.202	-11.61	-13.66	-17.20	-11.32	-67.91	-6999.	+0.000
0715	-17.55	-13.76	-10.06	-08.43	-07.79	-6.202	-11.61	-13.66	-17.20	-11.32	-67.91	-6999.	+0.000
0730	-17.55	-13.76	-10.07	-08.43	-07.78	-6.239	-11.61	-13.66	-17.20	-11.43	-68.07	-6999.	+0.000
0745	-17.55	-13.76	-10.07	-08.43	-07.78	-6.246	-11.61	-13.66	-17.20	-11.40	-68.07	-6999.	+0.000
0800	-17.54	-13.75	-10.07	-08.43	-07.77	-6.183	-11.60	-13.66	-17.20	-11.63	-68.44	-6999.	+0.000
0815	-17.54	-13.75	-10.08	-08.43	-07.77	-6.346	-11.61	-13.65	-17.20	-11.92	-69.35	-6999.	+0.000
0830	-17.54	-13.75	-10.08	-08.43	-07.77	-6.346	-11.61	-13.65	-17.20	-12.02	-68.53	-6999.	+0.000
0845	-17.54	-13.75	-10.08	-08.43	-07.77	-6.600	-11.60	-13.65	-17.20	-12.19	-69.46	-6999.	+0.000
0900	-17.54	-13.74	-10.08	-08.42	-07.76	-6.694	-11.60	-13.65	-17.20	-12.29	-69.47	-6999.	+0.000
0915	-17.54	-13.74	-10.09	-08.42	-07.76	-6.846	-11.60	-13.65	-17.19	-12.40	-69.17	-6999.	+0.000
0930	-17.53	-13.74	-10.09	-08.42	-07.76	-6.846	-11.60	-13.65	-17.19	-12.32	-68.61	-6999.	+0.000
0945	-17.54	-13.74	-10.09	-08.42	-07.76	-6.846	-11.60	-13.65	-17.19	-12.32	-68.61	-6999.	+0.000
1000	-17.54	-13.73	-10.09	-08.42	-07.77	-6.721	-11.60	-13.65	-17.19	-12.25	-68.22	-6999.	+0.000
1015	-17.53	-13.73	-10.10	-08.41	-07.78	-6.733	-11.60	-13.65	-17.19	-12.31	-67.94	-6999.	+0.000
1030	-17.53	-13.73	-10.10	-08.41	-07.78	-6.733	-						

Time	1.75m					1.0m					Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC	Air			
D 1815	-17.50	-13.66	-10.16	-08.96	-11.64	-11.86	-11.90	-13.86	-17.42	-11.31	-62.01	-6999.	-0.000
D 1830	-17.50	-13.66	-10.16	-09.00	-11.68	-11.28	-11.91	-13.87	-17.43	-11.07	-62.56	-6999.	-0.000
D 1845	-17.50	-13.66	-10.17	-09.06	-11.70	-10.60	-11.92	-13.87	-17.43	-10.67	-63.91	-6999.	-0.000
D 1900	-17.50	-13.66	-10.17	-09.10	-11.71	-09.91	-11.93	-13.88	-17.44	-10.39	-64.07	-6999.	-0.000
D 1915	-17.49	-13.65	-10.17	-09.13	-11.68	-09.34	-11.94	-13.89	-17.45	-10.12	-65.08	-6999.	-0.000
D 1930	-17.49	-13.65	-10.17	-09.20	-11.66	-08.87	-11.95	-13.89	-17.45	-09.99	-64.99	-6999.	-0.000
D 1945	-17.49	-13.65	-10.18	-09.24	-11.62	-08.36	-11.95	-13.90	-17.46	-09.56	-65.04	-6999.	-0.000
D 2000	-17.49	-13.65	-10.18	-09.29	-11.57	-07.91	-11.97	-13.90	-17.47	-09.53	-65.00	-6999.	-0.000
D 2015	-17.49	-13.65	-10.18	-09.34	-11.51	-07.54	-11.97	-13.91	-17.48	-09.45	-64.55	-6999.	-0.000
D 2030	-17.49	-13.64	-10.18	-09.37	-11.44	-07.44	-11.98	-13.92	-17.48	-09.25	-63.58	-6999.	-0.000
D 2045	-17.49	-13.64	-10.19	-09.41	-11.37	-07.47	-11.98	-13.92	-17.49	-09.58	-63.80	-6999.	-0.000
D 2100	-17.49	-13.64	-10.19	-09.45	-11.29	-07.42	-11.99	-13.92	-17.48	-09.45	-63.06	-6999.	-0.000
D 2115	-17.49	-13.64	-10.20	-09.49	-11.21	-07.00	-12.00	-13.92	-17.48	-08.96	-63.24	-6999.	-0.000
D 2130	-17.49	-13.64	-10.20	-09.52	-11.14	-6.589	-12.00	-13.92	-17.49	-08.88	-61.80	-6999.	-0.000
D 2145	-17.49	-13.64	-10.20	-09.55	-11.07	-6.08	-12.00	-13.92	-17.48	-08.55	-61.38	-6999.	-0.000
D 2200	-17.49	-13.63	-10.21	-09.57	-10.95	-6.013	-12.00	-13.92	-17.48	-08.46	-60.87	-6999.	-0.000
D 2215	-17.48	-13.63	-10.21	-09.60	-10.86	-5.758	-12.00	-13.92	-17.48	-08.36	-59.54	-6999.	-0.000
D 2230	-17.48	-13.63	-10.21	-09.62	-10.77	-5.509	-12.00	-13.91	-17.48	-08.04	-60.43	-6999.	-0.000
D 2245	-17.48	-13.63	-10.21	-09.64	-10.68	-5.129	-11.99	-13.91	-17.47	-6.956	-65.01	-6999.	-0.000
D 2300	-17.48	-13.63	-10.21	-09.66	-10.59	-4.837	-11.99	-13.91	-17.47	-07.34	-67.09	-6999.	-0.000
D 2315	-17.48	-13.63	-10.21	-09.68	-10.50	-4.657	-11.98	-13.90	-17.46	-08.05	-076.2	-6999.	-0.000
D 2330	-17.48	-13.62	-10.21	-09.69	-10.41	-4.343	-11.98	-13.90	-17.46	-08.61	-074.7	-6999.	-0.000
D 2345	-17.48	-13.62	-10.24	-09.70	-10.32	-4.020	-11.97	-13.90	-17.46	-11.10	-078.4	-6999.	-0.000
D 0000	-17.48	-13.62	-10.25	-09.71	-10.22	-3.755	-11.97	-13.89	-17.45	-12.03	-079.6	-6999.	-0.000

Time	1.75m					1.0m					Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Surf.	PVC	PVC	PVC	Air			
D 0015	-17.48	-13.62	-10.26	-09.72	-10.14	-3.507	-11.96	-13.89	-17.44	-11.64	-079.3	-6999.	-0.000
D 0030	-17.47	-13.62	-10.26	-09.72	-10.04	-3.247	-11.95	-13.88	-17.44	-11.25	-079.2	-6999.	-0.000
D 0045	-17.47	-13.61	-10.27	-09.72	-09.94	-3.036	-11.94	-13.88	-17.43	-11.45	-079.1	-6999.	-0.000
D 0100	-17.47	-13.61	-10.27	-09.73	-09.85	-2.854	-11.94	-13.87	-17.42	-13.18	-079.4	-6999.	-0.000
D 0115	-17.47	-13.61	-10.28	-09.73	-09.75	-2.846	-11.93	-13.86	-17.42	-13.76	-079.5	-6999.	-0.000
D 0130	-17.47	-13.61	-10.29	-09.73	-09.66	-2.759	-11.93	-13.86	-17.42	-13.76	-079.5	-6999.	-0.000
D 0145	-17.47	-13.61	-10.29	-09.73	-09.56	-2.374	-11.92	-13.85	-17.41	-10.82	-079.1	-6999.	-0.000
D 0200	-17.47	-13.61	-10.30	-09.72	-09.47	-2.351	-11.91	-13.85	-17.40	-09.87	-079.3	-6999.	-0.000
D 0215	-17.47	-13.60	-10.31	-09.72	-09.37	-2.255	-11.90	-13.84	-17.39	-09.44	-079.2	-6999.	-0.000
D 0230	-17.47	-13.60	-10.32	-09.71	-09.29	-2.981	-11.89	-13.83	-17.38	-08.12	-078.6	-6999.	-0.000
D 0245	-17.47	-13.60	-10.32	-09.71	-09.20	-2.834	-11.89	-13.83	-17.38	-07.88	-078.4	-6999.	-0.000
D 0300	-17.47	-13.60	-10.33	-09.69	-09.12	-2.918	-11.88	-13.82	-17.37	-07.14	-077.4	-6999.	-0.000
D 0315	-17.46	-13.60	-10.33	-09.68	-09.03	-3.001	-11.87	-13.82	-17.36	-6.483	-077.8	-6999.	-0.000
D 0330	-17.46	-13.60	-10.34	-09.67	-08.96	-2.985	-11.86	-13.81	-17.36	-6.668	-078.4	-6999.	-0.000
D 0345	-17.46	-13.59	-10.35	-09.66	-08.89	-2.972	-11.85	-13.80	-17.35	-07.05	-078.6	-6999.	-0.000
D 0400	-17.46	-13.58	-10.35	-09.65	-08.81	-2.936	-11.85	-13.79	-17.34	-6.822	-078.4	-6999.	-0.000
D 0415	-17.46	-13.59	-10.36	-09.63	-08.74	-2.903	-11.84	-13.79	-17.34	-6.791	-078.4	-6999.	-0.000
D 0430	-17.46	-13.59	-10.37	-09.62	-08.67	-2.865	-11.83	-13.78	-17.32	-6.596	-078.3	-6999.	-0.000
D 0445	-17.46	-13.59	-10.38	-09.61	-08.61	-2.821	-11.82	-13.78	-17.32	-6.243	-077.9	-6999.	-0.000
D 0500	-17.46	-13.59	-10.38	-09.59	-08.54	-2.764	-11.81	-13.77	-17.31	-5.455	-077.1	-6999.	-0.000
D 0515	-17.46	-13.58	-10.39	-09.57	-08.48	-2.705	-11.80	-13.76	-17.31	-4.389	-077.1	-6999.	-0.000
D 0530	-17.46	-13.58	-10.40	-09.56	-08.42	-2.653	-11.80	-13.76	-17.30	-3.710	-076.8	-6999.	-0.000
D 0545	-17.45	-13.58	-10.40	-09.54	-08.37	-2.594	-11.79	-13.75	-17.29	-3.484	-075.2	-6999.	-0.000
D 0600	-17.45	-13.58	-10.41	-09.52	-08.31	-2.492	-11.78	-13.74	-17.28	-2.936	-075.2	-6999.	-0.000
D 0615	-17.45	-13.58	-10.41	-09.51	-08.26	-2.393	-11.78	-13.74	-17.28	-2.829	-075.6	-6999.	-0.000
D 0630	-17.45	-13.58	-10.41	-09.49	-08.20	-2.307	-11.77	-13.73	-17.27	-2.810	-075.7	-6999.	-0.000
D 0645	-17.45	-13.57	-10.42	-09.47	-08.15	-2.205	-11.76	-13.72	-17.26	-2.729	-075.8	-6999.	-0.000
D 0700	-17.45	-13.57	-10.43	-09.45	-08.10	-2.105	-11.76	-13.71	-17.25	-2.794	-075.9	-6999.	-0.000
D 0715	-17.45	-13.57	-10.44	-09.43	-08.05	-1.996	-11.75	-13.71	-17.25	-2.764	-075.9	-6999.	-0.000
D 0730	-17.44	-13.57	-10.44	-09.41	-08.00	-1.878	-11.74	-13.70	-17.24	-2.799	-076.0	-6999.	-0.000
D 0745	-17.44	-13.57	-10.45	-09.39	-07.94	-1.778	-11.73	-13.68	-17.21	-2.848	-076.2	-6999.	-0.000

Time	1.75m			1.0m			.5m			.25m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil									
2200	-17.38	-13.50	-10.52	-09.36	-09.12	-1.292	-11.80	-13.70	-17.24	-1.103	-53.16	-6999	+0.000							
2215	-17.38	-13.50	-10.52	-09.36	-09.02	-1.220	-11.78	-13.69	-17.23	-1.203	-52.48	-6999	+0.000							
2230	-17.38	-13.50	-10.52	-09.36	-08.92	-1.093	-11.78	-13.69	-17.23	-1.304	-52.07	-6999	+0.000							
2245	-17.38	-13.50	-10.52	-09.37	-08.82	-0.977	-11.77	-13.69	-17.22	-1.424	-52.29	-6999	+0.000							
2300	-17.37	-13.50	-10.52	-09.36	-08.72	-0.829	-11.77	-13.68	-17.21	-1.552	-52.08	-6999	+0.000							
2315	-17.37	-13.50	-10.52	-09.36	-08.62	-0.557	-11.76	-13.67	-17.21	-1.710	-51.86	-6999	+0.000							
2330	-17.37	-13.50	-10.52	-09.36	-08.53	-0.213	-11.75	-13.66	-17.20	-1.866	-51.77	-6999	+0.000							
2345	-17.37	-13.50	-10.52	-09.35	-08.43	0.127	-11.74	-13.66	-17.19	-2.015	-51.77	-6999	+0.000							
0000	-17.37	-13.50	-10.52	-09.34	-08.34	-1.006	-11.73	-13.65	-17.18	-2.401	-52.02	-6999	+0.000							
* 87 346																				
0015	-17.37	-13.50	-10.53	-09.34	-08.25	-1.538	-11.72	-13.63	-17.15	-2.651	-52.15	-6999	+0.000							
0030	-17.37	-13.50	-10.53	-09.33	-08.15	-1.899	-11.71	-13.61	-17.14	-2.907	-52.78	-6999	+0.000							
0045	-17.37	-13.49	-10.53	-09.31	-08.06	-1.792	-11.70	-13.60	-17.13	-3.132	-52.61	-6999	+0.000							
0100	-17.37	-13.49	-10.53	-09.30	-07.96	-1.618	-11.70	-13.60	-17.13	-3.584	-52.36	-6999	+0.000							
0115	-17.36	-13.49	-10.53	-09.28	-07.86	-1.705	-11.68	-13.58	-17.11	-4.048	-52.11	-6999	+0.000							
0130	-17.37	-13.50	-10.54	-09.27	-07.75	-1.936	-11.68	-13.58	-17.11	-4.524	-51.78	-6999	+0.000							
0145	-17.36	-13.49	-10.54	-09.26	-07.65	-1.211	-11.67	-13.57	-17.10	-5.012	-51.23	-6999	+0.000							
0160	-17.36	-13.49	-10.54	-09.23	-07.55	-0.780	-11.66	-13.57	-17.09	-5.506	-50.68	-6999	+0.000							
0175	-17.36	-13.49	-10.54	-09.21	-07.45	-1.054	-11.65	-13.56	-17.08	-6.006	-50.14	-6999	+0.000							
0190	-17.36	-13.49	-10.54	-09.20	-07.35	-1.347	-11.64	-13.55	-17.07	-6.512	-49.61	-6999	+0.000							
0205	-17.36	-13.49	-10.54	-09.18	-07.25	-1.652	-11.63	-13.54	-17.06	-7.024	-49.08	-6999	+0.000							
0220	-17.36	-13.49	-10.54	-09.15	-07.16	-1.944	-11.62	-13.53	-17.06	-7.542	-48.54	-6999	+0.000							
0235	-17.36	-13.49	-10.54	-09.13	-07.07	-2.203	-11.60	-13.52	-17.06	-8.066	-48.00	-6999	+0.000							
0250	-17.36	-13.49	-10.55	-09.11	-06.98	-2.452	-11.59	-13.52	-17.04	-8.596	-47.46	-6999	+0.000							
0300	-17.36	-13.49	-10.55	-09.08	-06.89	-2.685	-11.58	-13.51	-17.03	-9.132	-46.92	-6999	+0.000							
0315	-17.35	-13.49	-10.55	-09.06	-06.80	-2.913	-11.57	-13.50	-17.02	-9.674	-46.38	-6999	+0.000							
0330	-17.35	-13.49	-10.55	-09.03	-06.718	-3.105	-11.56	-13.50	-17.02	-10.222	-45.84	-6999	+0.000							
0345	-17.35	-13.49	-10.55	-09.00	-06.634	-3.261	-11.54	-13.49	-17.02	-10.776	-45.30	-6999	+0.000							
0400	-17.35	-13.49	-10.55	-08.98	-06.549	-3.485	-11.53	-13.47	-16.99	-11.336	-44.76	-6999	+0.000							
0415	-17.35	-13.49	-10.55	-08.95	-06.464	-3.638	-11.52	-13.47	-16.98	-11.900	-44.22	-6999	+0.000							
0430	-17.35	-13.48	-10.55	-08.92	-06.380	-3.810	-11.51	-13.46	-16.98	-12.468	-43.68	-6999	+0.000							
0445	-17.35	-13.48	-10.55	-08.89	-06.299	-3.997	-11.50	-13.45	-16.97	-13.040	-43.14	-6999	+0.000							
0500	-17.35	-13.48	-10.56	-08.86	-06.214	-4.125	-11.49	-13.44	-16.96	-13.616	-42.60	-6999	+0.000							
0515	-17.35	-13.48	-10.56	-08.83	-06.132	-4.274	-11.47	-13.44	-16.95	-14.196	-42.06	-6999	+0.000							
0530	-17.35	-13.48	-10.56	-08.80	-06.051	-4.462	-11.46	-13.43	-16.94	-14.780	-41.52	-6999	+0.000							
0545	-17.35	-13.48	-10.56	-08.77	-05.973	-4.626	-11.45	-13.42	-16.93	-15.368	-40.98	-6999	+0.000							
0600	-17.35	-13.48	-10.55	-08.73	-05.892	-4.732	-11.44	-13.41	-16.92	-15.960	-40.44	-6999	+0.000							
0615	-17.34	-13.48	-10.56	-08.70	-05.817	-4.860	-11.43	-13.41	-16.92	-16.556	-39.90	-6999	+0.000							
0630	-17.34	-13.48	-10.56	-08.67	-05.743	-4.967	-11.41	-13.40	-16.90	-17.156	-39.36	-6999	+0.000							
0645	-17.34	-13.48	-10.55	-08.64	-05.665	-5.063	-11.40	-13.39	-16.89	-17.752	-38.82	-6999	+0.000							
0700	-17.34	-13.48	-10.55	-08.61	-05.591	-5.098	-11.39	-13.38	-16.88	-18.352	-38.28	-6999	+0.000							
0715	-17.34	-13.48	-10.55	-08.57	-05.514	-5.081	-11.38	-13.37	-16.88	-18.956	-37.74	-6999	+0.000							
0730	-17.34	-13.48	-10.55	-08.54	-05.443	-5.243	-11.37	-13.37	-16.88	-19.564	-37.20	-6999	+0.000							
0745	-17.34	-13.48	-10.55	-08.51	-05.374	-5.340	-11.35	-13.35	-16.85	-20.176	-36.66	-6999	+0.000							
0800	-17.34	-13.48	-10.55	-08.47	-05.304	-5.304	-11.35	-13.35	-16.85	-20.792	-36.12	-6999	+0.000							
0815	-17.34	-13.48	-10.55	-08.44	-05.234	-5.033	-11.33	-13.34	-16.84	-21.404	-35.58	-6999	+0.000							
0830	-17.34	-13.47	-10.55	-08.40	-05.160	-3.947	-11.32	-13.33	-16.83	-22.020	-35.04	-6999	+0.000							
0845	-17.34	-13.47	-10.55	-08.37	-05.088	-2.864	-11.31	-13.32	-16.82	-22.640	-34.50	-6999	+0.000							
0900	-17.33	-13.47	-10.55	-08.33	-05.013	-1.870	-11.30	-13.31	-16.82	-23.264	-33.96	-6999	+0.000							
0915	-17.33	-13.47	-10.55	-08.30	-04.933	-0.851	-11.29	-13.31	-16.80	-23.892	-33.42	-6999	+0.000							
0930	-17.33	-13.47	-10.55	-08.26	-4.915	-0.332	-11.28	-13.30	-16.80	-24.524	-32.88	-6999	+0.000							
0945	-17.33	-13.47	-10.55	-08.23	-4.854	-0.800	-11.27	-13.29	-16.79	-25.160	-32.34	-6999	+0.000							
1000	-17.32	-13.47	-10.54	-08.20	-4.807	-1.023	-11.26	-13.28	-16.79	-25.792	-31.80	-6999	+0.000							
1015	-17.32	-13.47	-10.54	-08.16	-4.756	-2.550	-11.25	-13.28	-16.78	-26.428	-31.26	-6999	+0.000							
1030	-17.32	-13.47	-10.54	-08.13	-4.713	-3.943	-11.24	-13.27	-16.77	-27.068	-30.72	-6999	+0.000							
1045	-17.32	-13.47	-10.54	-08.09	-4.673	-5.233	-11.23	-13.26	-16.76	-27.712	-30.18	-6999	+0.000							

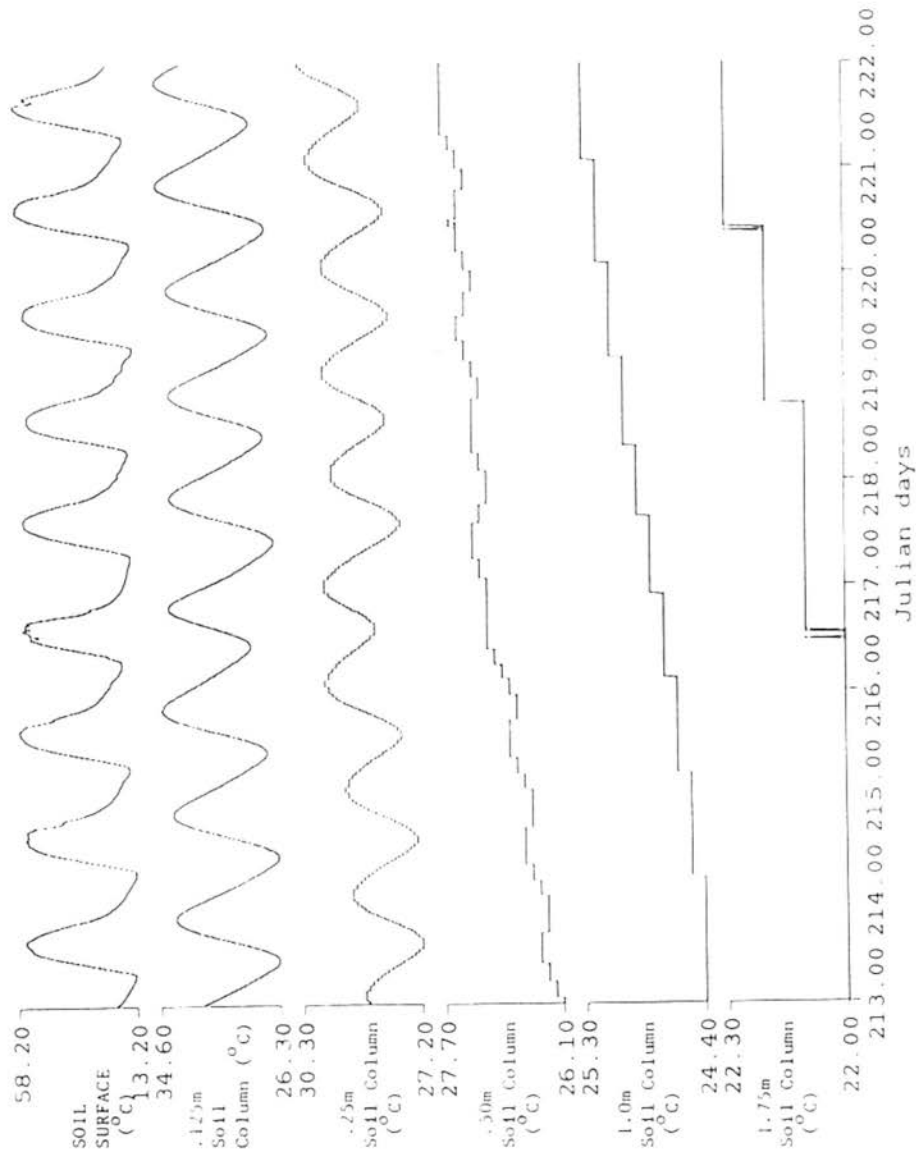
Time	1.75m			1.0m			.5m			.25m			Surf.	PVC	PVC	PVC	Air	Rel. Hum.	Net Rad.	Precip
	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil									
1145	-17.32	-13.46	-10.53	-08.06	-4.641	-1.115	-11.23	-13.25	-16.75	-2.699	-53.70	-6999	+0.000							
1200	-17.32	-13.46	-10.53	-08.03	-4.612	-1.142	-11.22	-13.25	-16.75	-3.262	-53.65	-6999	+0.000							
1215	-17.32	-13.46	-10.53	-08.00	-4.583	-1.169	-11.21	-13.24	-16.73	-3.826	-53.44	-6999	+0.000							
1230	-17.31	-13.46	-10.51	-07.96	-4.581	-1.611	-11.21	-13.24	-16.73	-4.390	-53.23	-6999	+0.000							
1245	-17.31	-13.46	-10.51	-07.92	-4.582	-1.753	-11.21	-13.23	-16.72	-4.954	-53.02	-6999	+0.000							
1300	-17.31	-13.46	-10.50	-07.89	-4.588	-1.300	-11.20	-13.23	-16.71	-5.518	-52.81	-6999	+0.000							
1315	-17.31	-13.46	-10.50	-07.86	-4.612	-2.307	-11.20	-13.22	-16.71	-6.082	-52.60	-6999	+0.000							
1330	-17.31	-13.46	-10.50	-07.83	-4.639	-3.314	-11.20	-13.22	-16.71	-6.646	-52.39	-6999	+0.000							
1345	-17.30	-13.46	-10.49	-07.80	-4.671	-4.321	-11.20	-13.21	-16.70	-7.210	-52.18	-6999	+0.000							
1400	-17.31	-13.45	-10.48	-07.77	-4.710	-5.328	-11.20	-13.20	-16.69	-7.774	-51.97	-6999	+0.000							
1415	-17.31	-13.46	-10.48	-07.75	-4.753	-6.335	-11.20	-13.20	-16.69	-8.338	-51.76	-6999	+0.000							
1430	-17.30	-13.46	-10.48	-07.72	-4.796	-7.342	-11.20	-13.20	-16.69	-8.902	-51.55	-6999	+0.000							
1445	-17.31	-13.47	-10.47	-07.70	-4.847	-8.349	-11.20	-13.20	-16.68	-9.466	-51.34	-6999	+0.000							
1500	-17.30	-13.45	-10.46	-07.68	-4.900	-9.356	-11.20	-13.19	-16.68	-10.030	-51.13	-6999	+0.000							
1515	-17.30	-13.45	-10.46	-07.66	-4.968	-10.363	-11.20	-13.19	-16.67	-10.594	-50.92	-6999	+0.000							
1530	-17.30	-13.45	-10.45	-07.64	-5.035	-11.370	-11.20	-13.19	-16.67	-11.158	-50.71	-6999	+0.000							
1545	-17.30	-13.45	-10.45	-07.62	-5.104	-12.377	-11.20	-13.18	-16.67	-11.722	-50.50	-6999	+0.000							
1600	-17.30	-13.45	-10.44	-07.60	-5.172	-13.384	-11.20	-13.18	-16.67	-12.286	-50.29	-6999	+0.000							
1615	-17.30	-13.45	-10.43	-07.59	-5.225	-14.391	-11.20	-13.18	-16.67	-12.850	-50.08	-6999	+0.000							
1630	-17.30	-13.45	-10.43	-07.58	-5.275	-15.398	-11.20	-13.18	-16.67	-13.414	-49.87	-6999	+0.000							
1645	-17.29	-13.45	-10.42	-07.57	-5.313	-16.405	-11.20	-13.18	-16.66	-13.978	-49.66	-6999	+0.000							
1700	-17.30	-13.45	-10.42	-07.56	-5.348	-17.412	-11.20	-13.17	-16.66	-14.542	-49.45	-6999	+0.000							
1715	-17.29	-13.45	-10.41	-07.55	-5.367	-18.419	-11.20	-13.17	-16.66	-15.106	-49.24	-6999	+0.000							
1730	-17.30	-13.45	-10.41	-07.54	-5.385	-19.426	-11.20	-13.17	-16.66	-15.670	-49.03	-6999	+0.000							
1745	-17.29	-13.45	-10.40	-07.53	-5.388	-20.433	-11.20	-13.17	-16.65	-16.234	-48.82	-6999	+0.000							
1800	-17.30	-13.45	-10.39	-07.52	-5.384	-21.440	-11.20	-13.17	-16.65	-16.798	-48.61	-6999	+0.000							
1815	-17.29	-13.45	-10.38	-07.52	-5.371															

Time	Soil					Surf.	1.0m	1.75m	1.75m	Air	Rel. Hum.	Net Rad.	Precip
	1.75m	1.0m	.5m	.25m	.125m	Surf.	PVC	PVC	PVC				
D 0130	-17.26	-13.43	-10.18	-07.14	-4.169	-3.425	-10.99	-13.04	-16.51	-5.585	+52.12	-6999.	+0.000
D 0145	-17.26	-13.43	-10.17	-07.12	-4.129	-3.432	-10.98	-13.03	-16.51	-5.513	+52.06	-6999.	+0.000
D 0200	-17.25	-13.43	-10.16	-07.10	-4.088	-3.469	-10.97	-13.03	-16.50	-5.403	+51.85	-6999.	+0.000
D 0215	-17.25	-13.42	-10.15	-07.08	-4.050	-3.575	-10.96	-13.02	-16.49	-5.441	+52.17	-6999.	+0.000
D 0230	-17.25	-13.42	-10.14	-07.06	-4.012	-3.747	-10.95	-13.02	-16.49	-5.624	+53.69	-6999.	+0.000
D 0245	-17.26	-13.42	-10.14	-07.04	-3.981	-3.944	-10.94	-13.01	-16.48	-5.765	+54.81	-6999.	+0.000
D 0300	-17.25	-13.42	-10.13	-07.02	-3.945	-3.946	-10.94	-13.01	-16.47	-5.818	+56.92	-6999.	+0.000
D 0315	-17.25	-13.42	-10.13	-6.998	-3.910	-3.899	-10.93	-13.00	-16.47	-5.891	+58.12	-6999.	+0.000
D 0330	-17.24	-13.42	-10.12	-6.976	-3.874	-3.860	-10.92	-12.99	-16.46	-5.931	+58.17	-6999.	+0.000
D 0345	-17.25	-13.42	-10.11	-6.955	-3.842	-3.842	-10.91	-12.99	-16.46	-5.890	+61.63	-6999.	+0.000
D 0400	-17.25	-13.42	-10.11	-6.932	-3.810	-3.819	-10.91	-12.98	-16.46	-5.997	+67.13	-6999.	+0.000
D 0415	-17.24	-13.42	-10.10	-6.912	-3.778	-3.841	-10.90	-12.97	-16.45	-6.108	+075.7	-6999.	+0.000
D 0430	-17.24	-13.42	-10.09	-6.894	-3.750	-3.961	-10.89	-12.97	-16.44	-5.702	+078.0	-6999.	+0.000
D 0445	-17.24	-13.42	-10.08	-6.871	-3.717	-4.042	-10.88	-12.97	-16.43	-5.499	+078.1	-6999.	+0.0

APPENDIX B

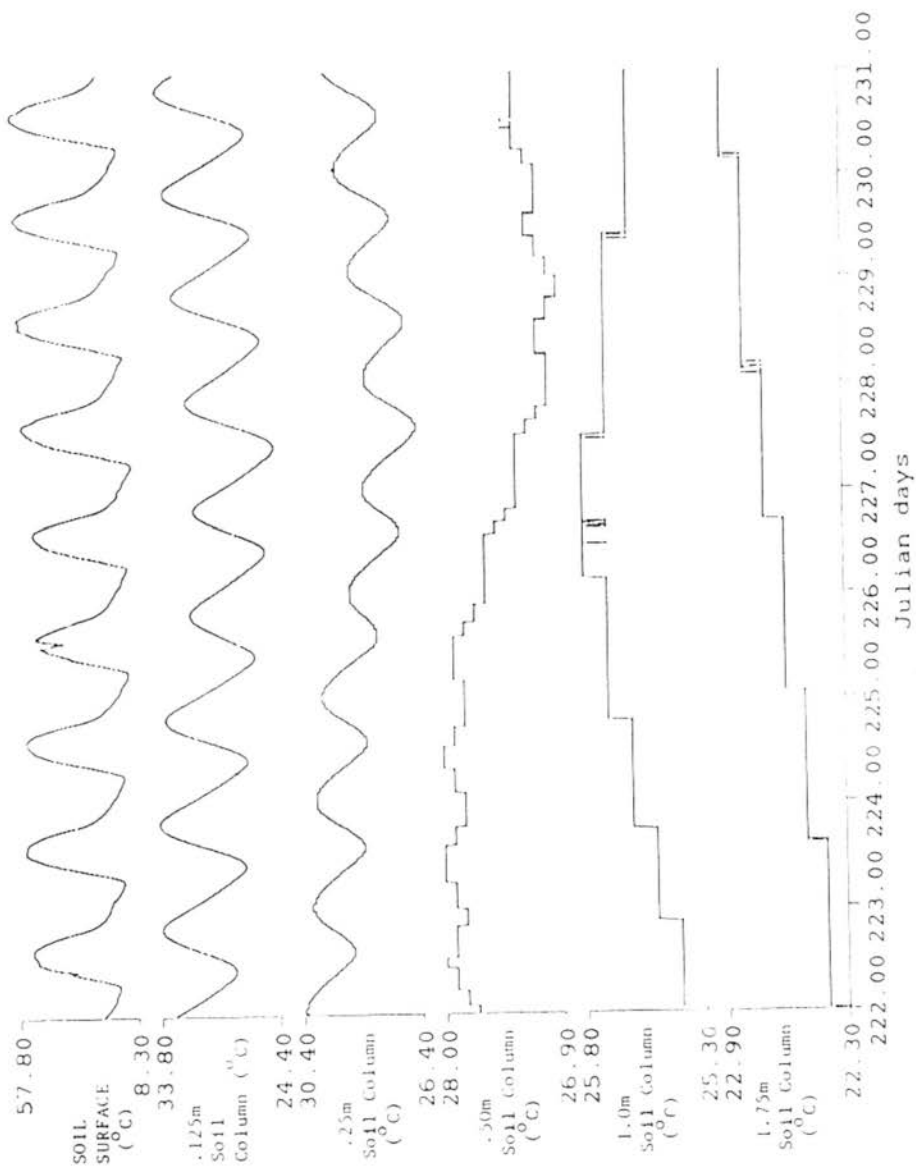
Time Series Graphs for the Soil Column

## Dandini Soil Temperature

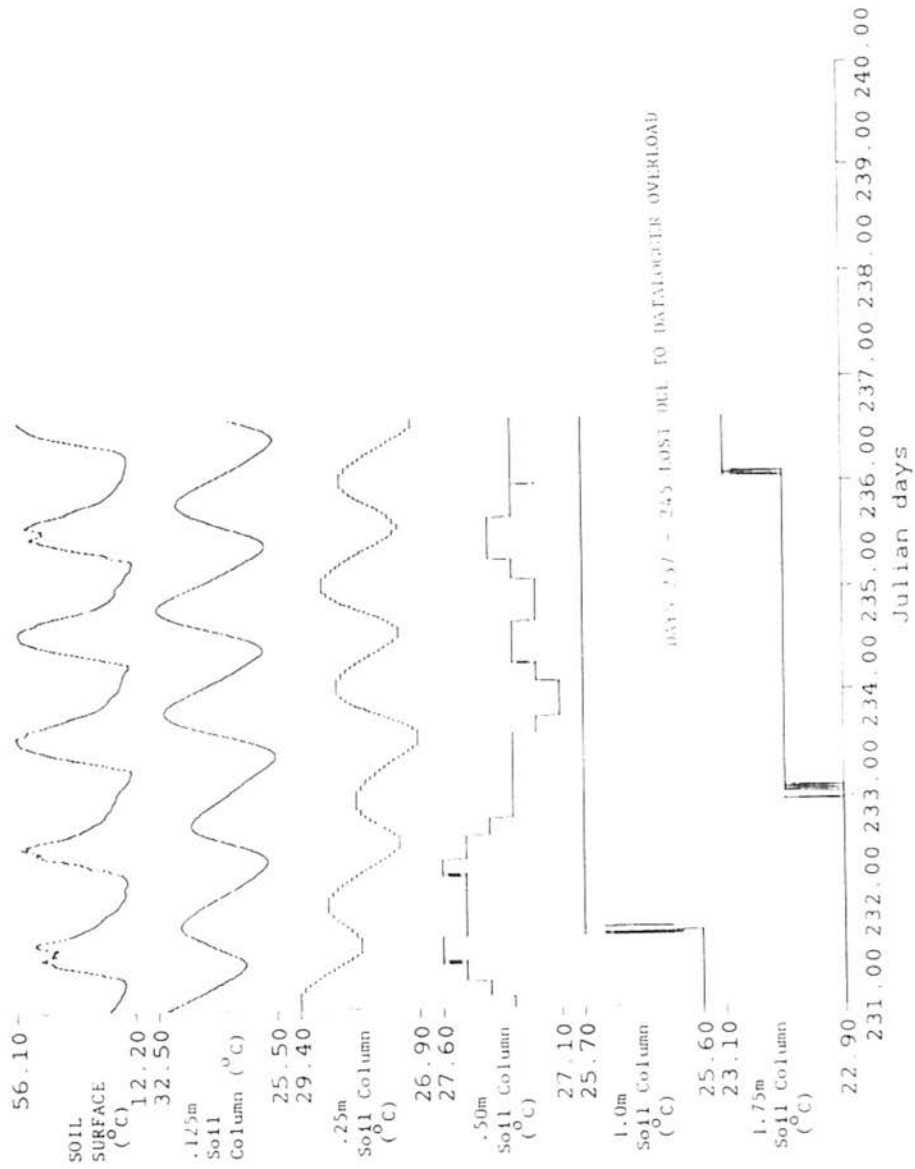




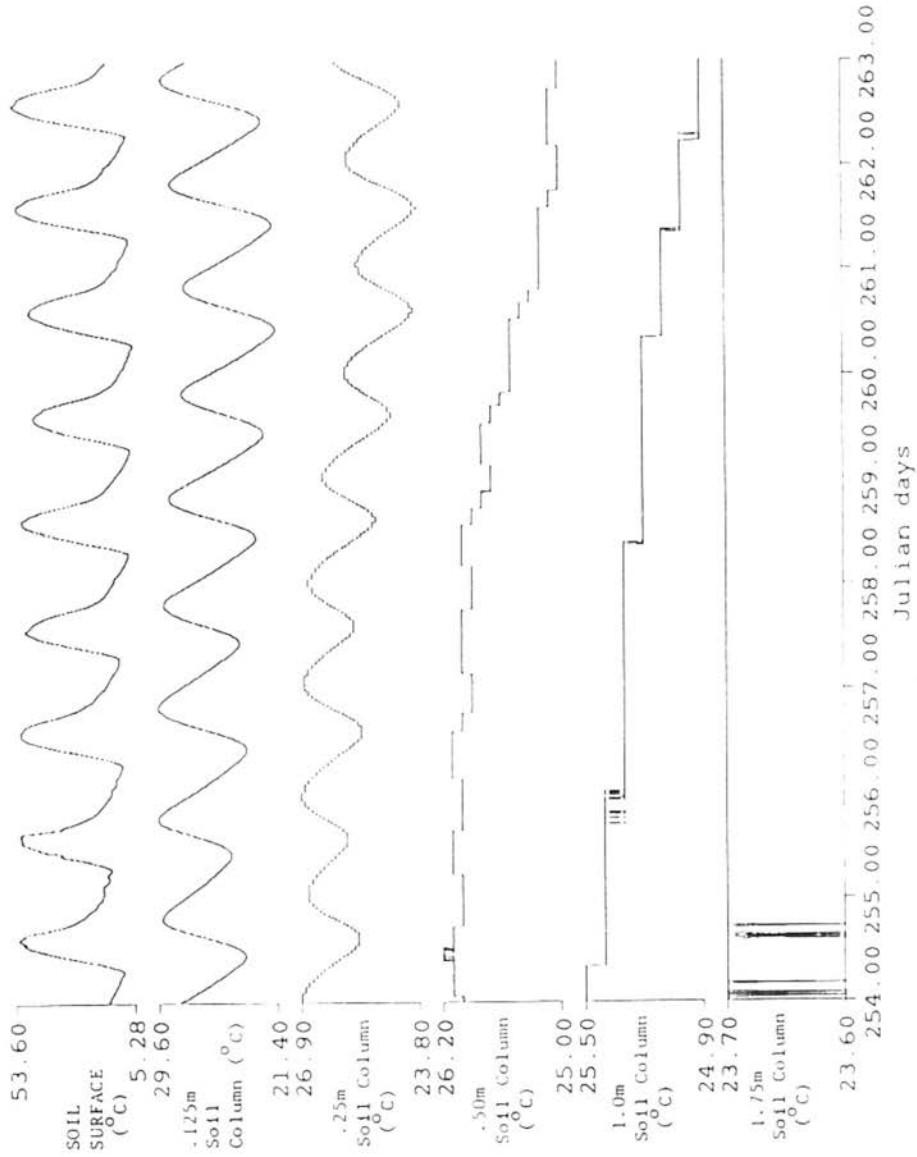
## Dandini Soil Temperature



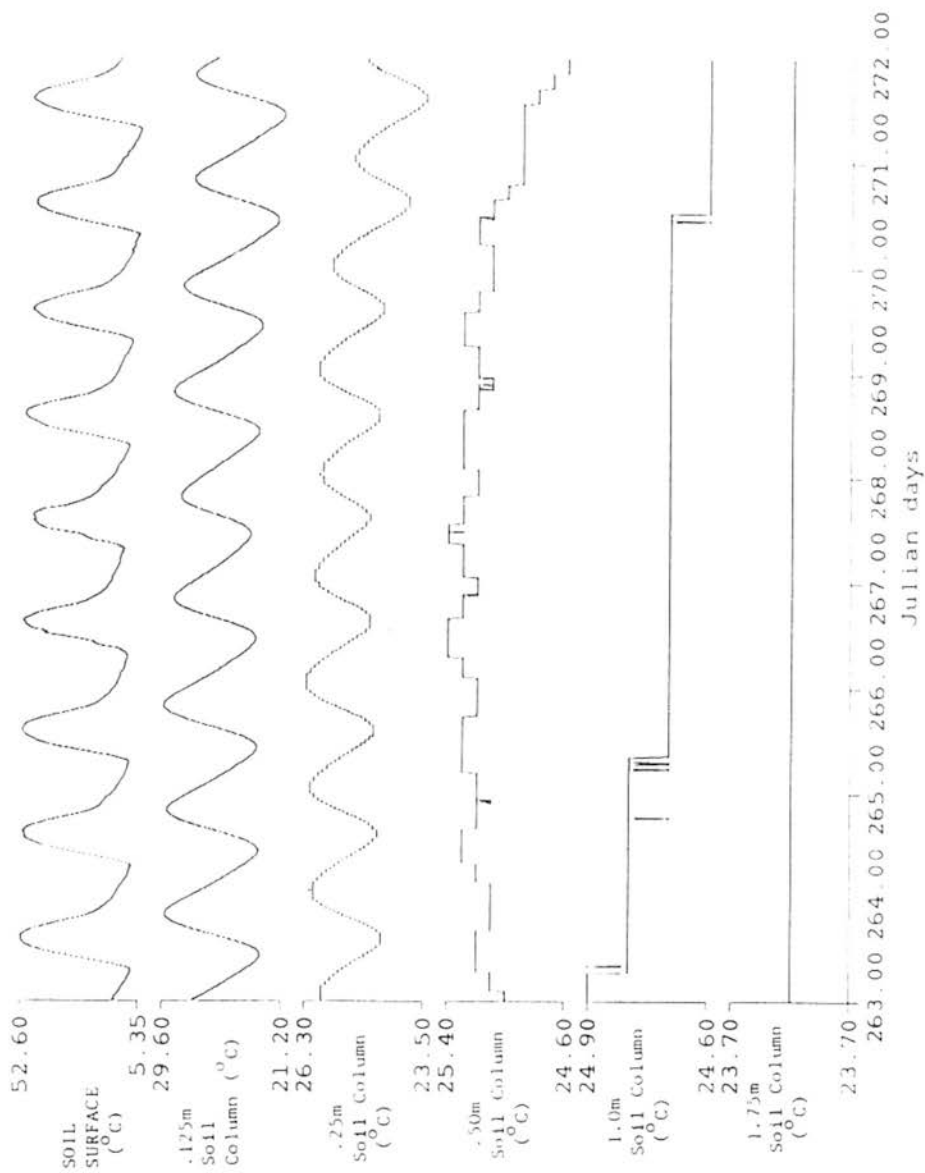
Dandini Soil Temperature



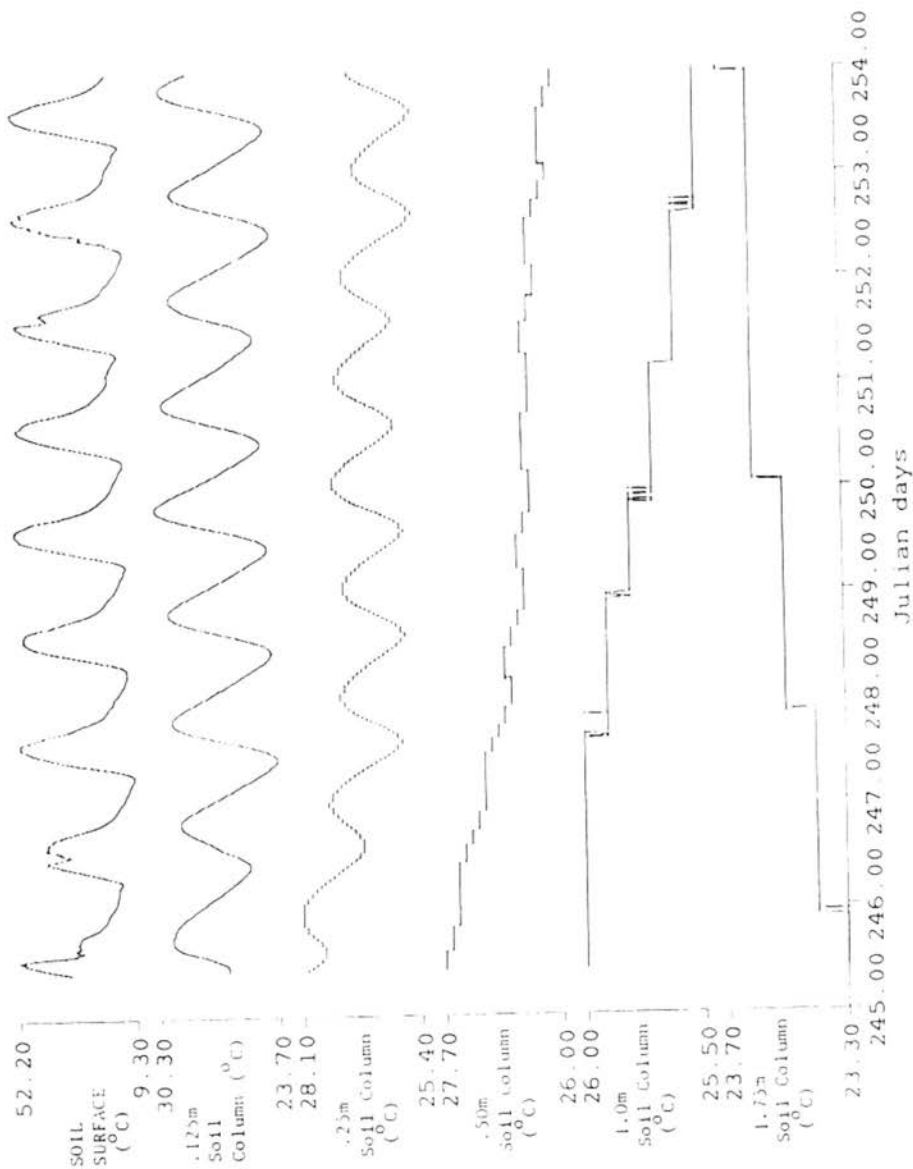
Dardini Soil Temperature



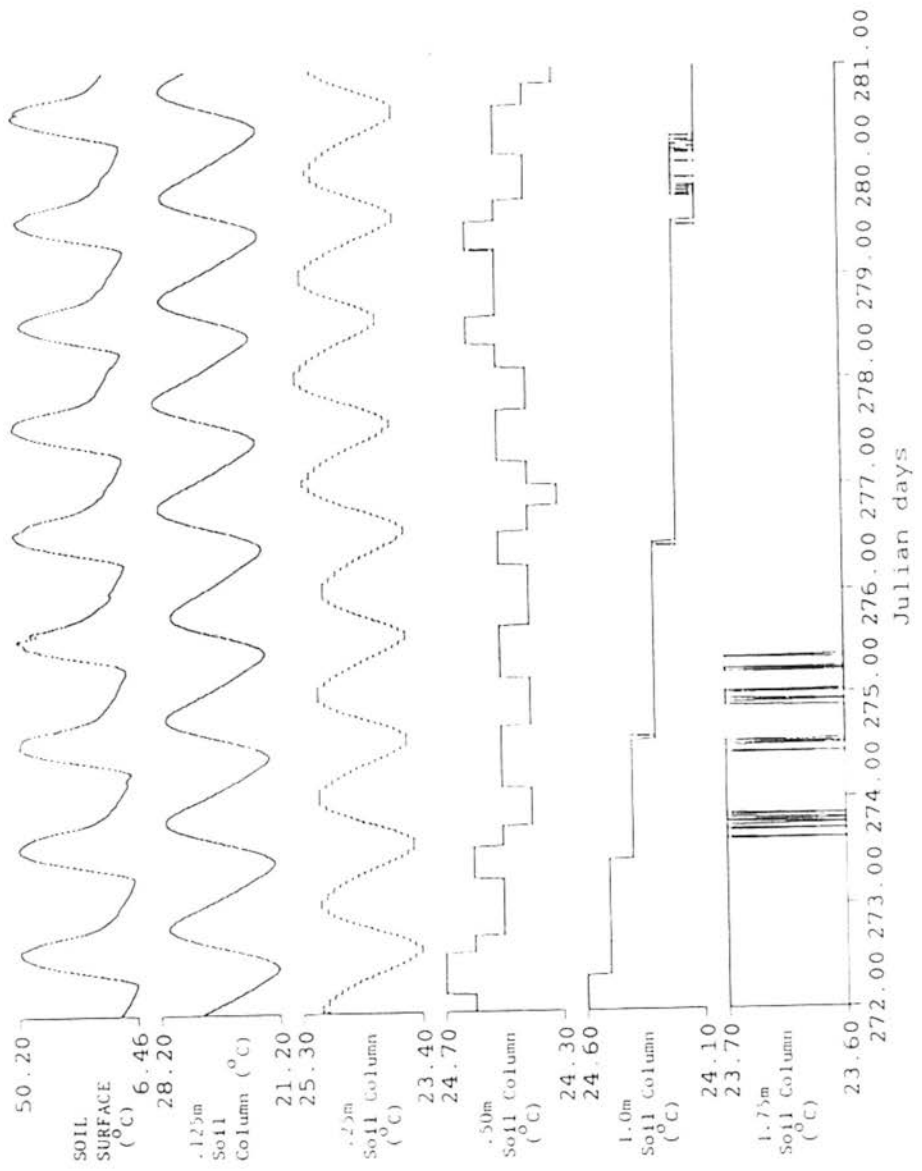
## Dandini Soil Temperature



Dandini Soil Temperature

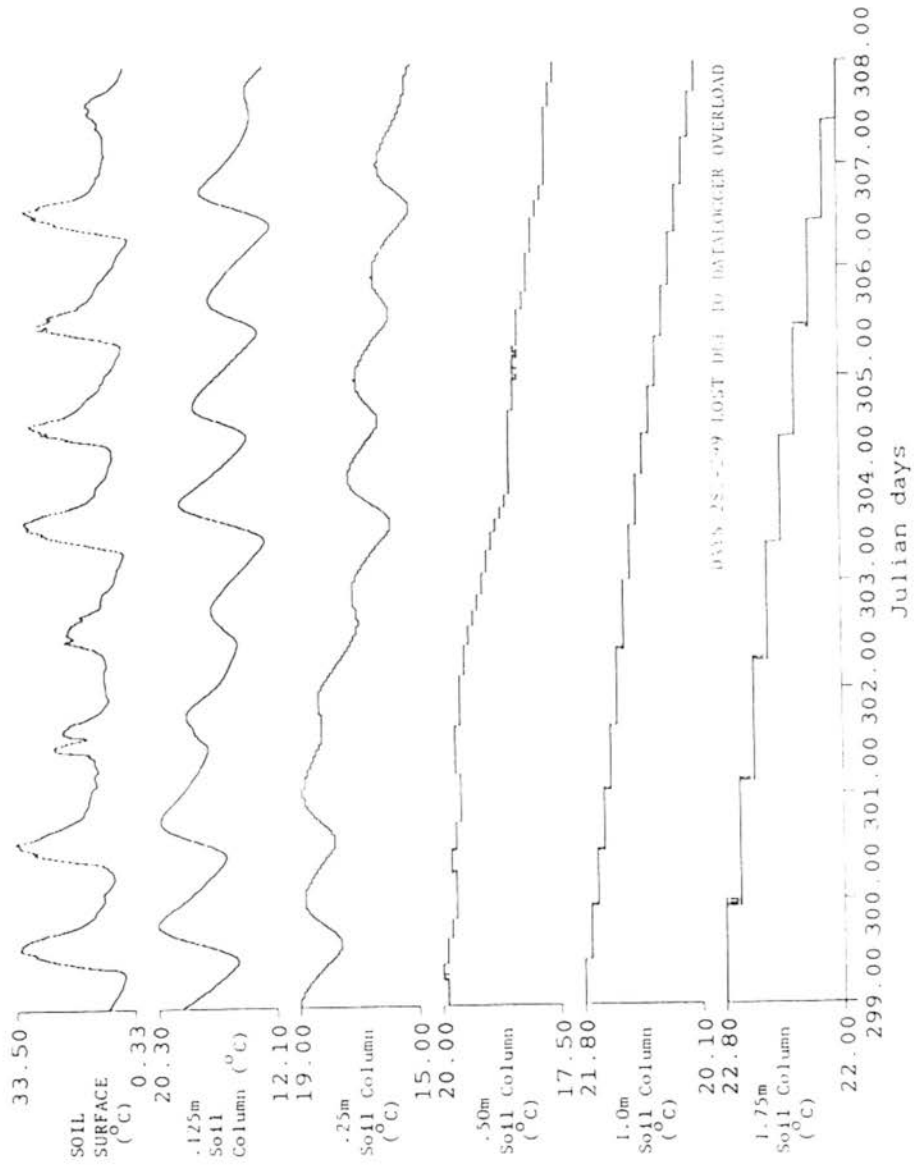


Dandini Soil Temperature

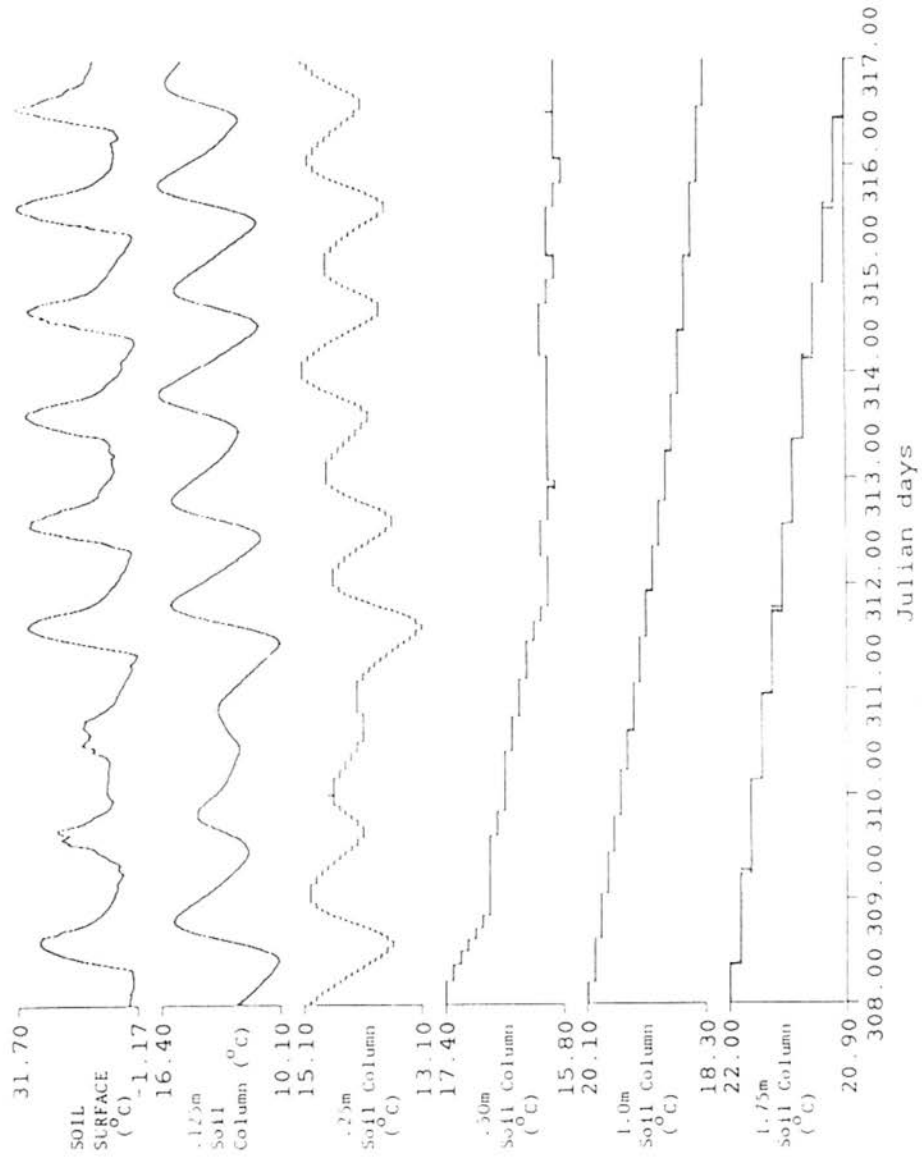




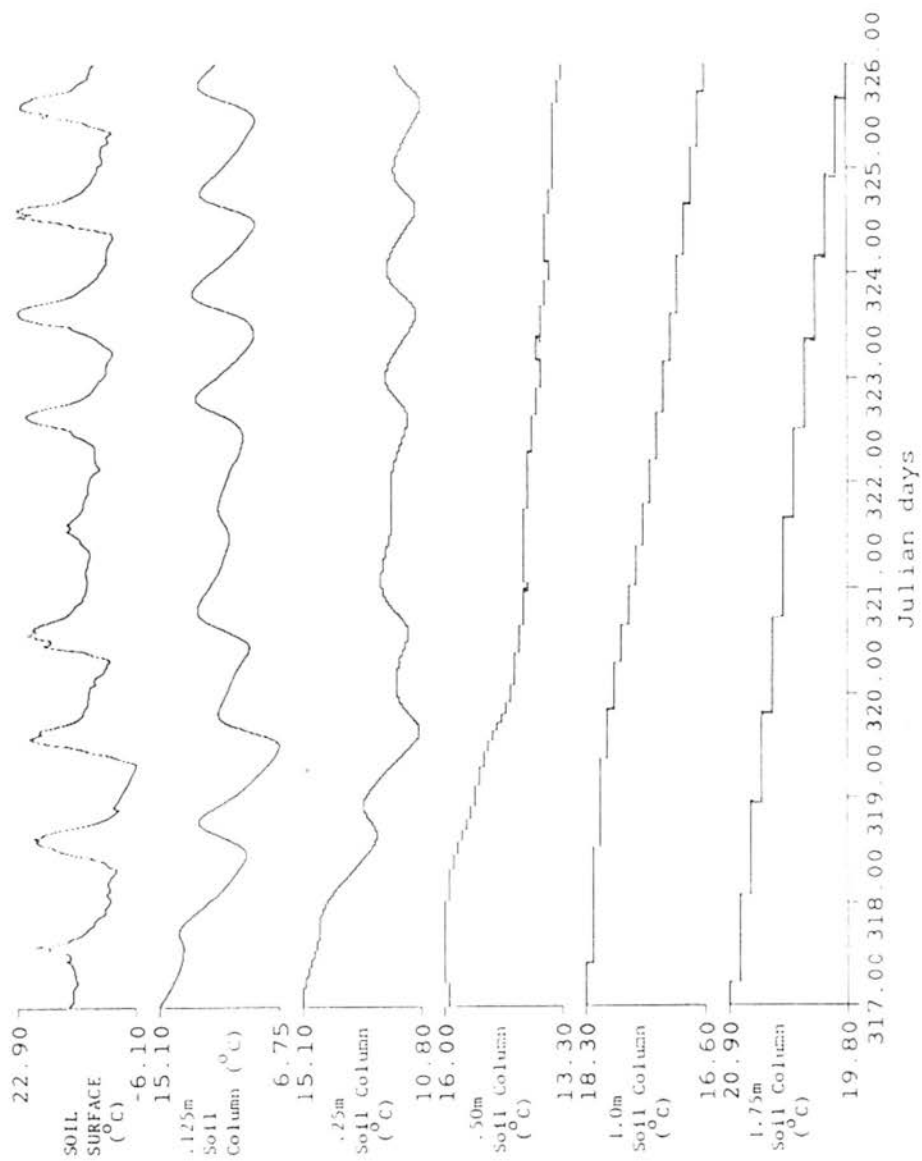
Dandini Soil Temperature



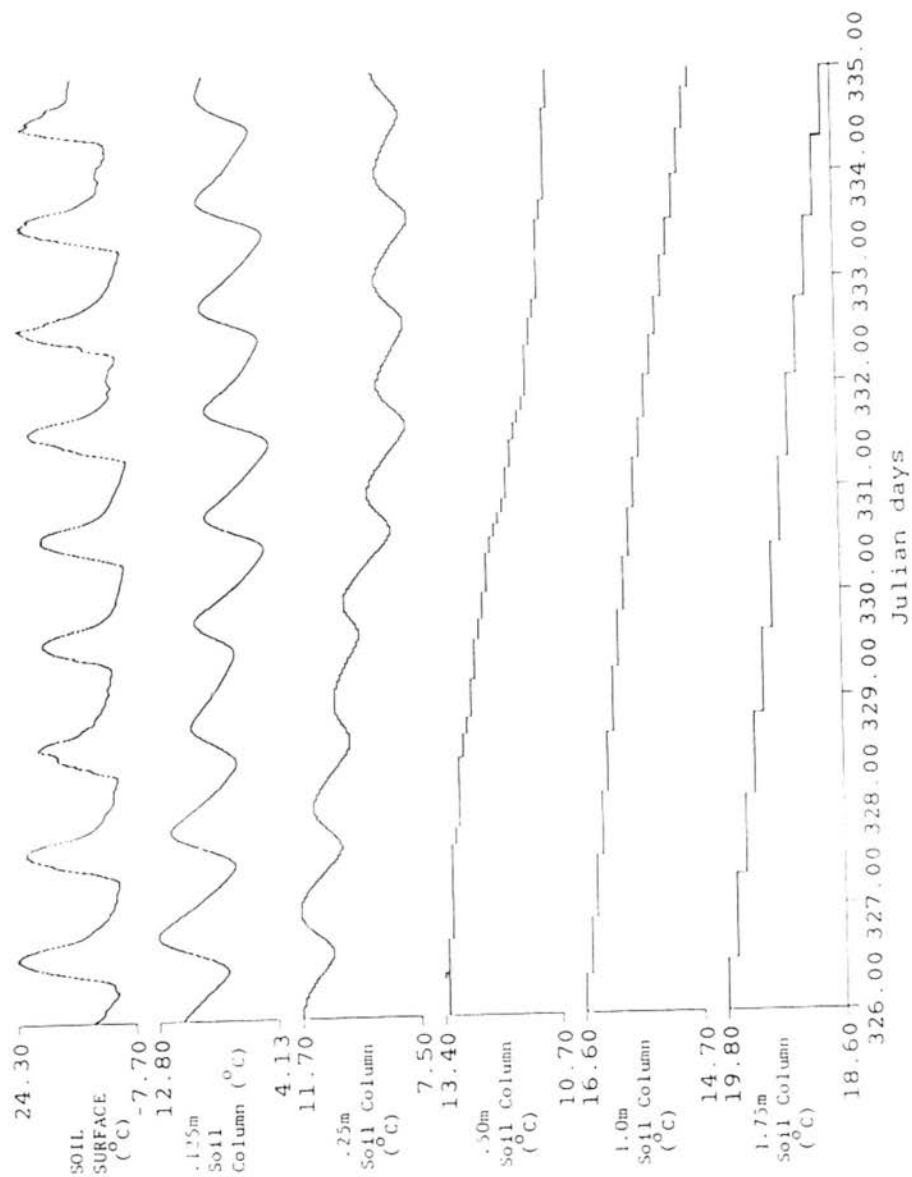
Dandini Soil Temperature



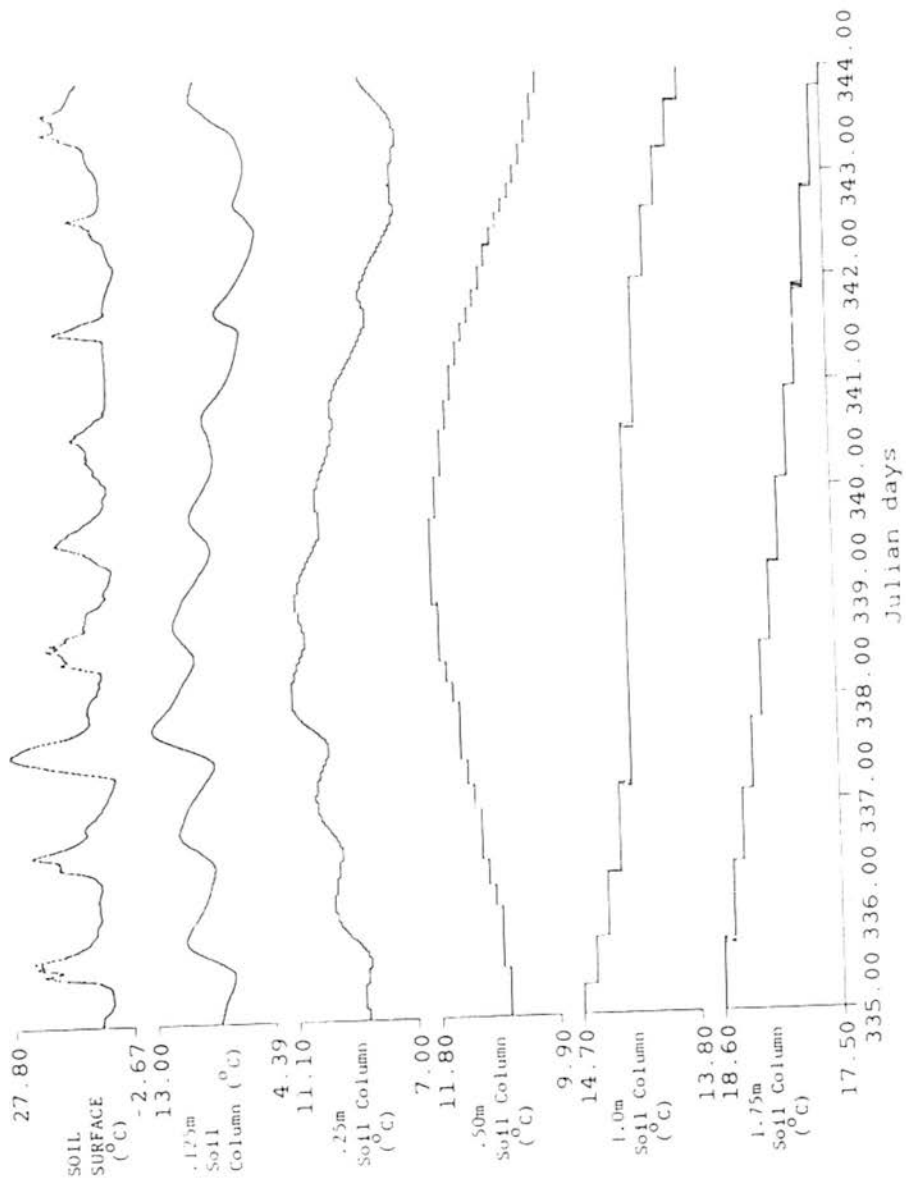
## Dandini Soil Temperature



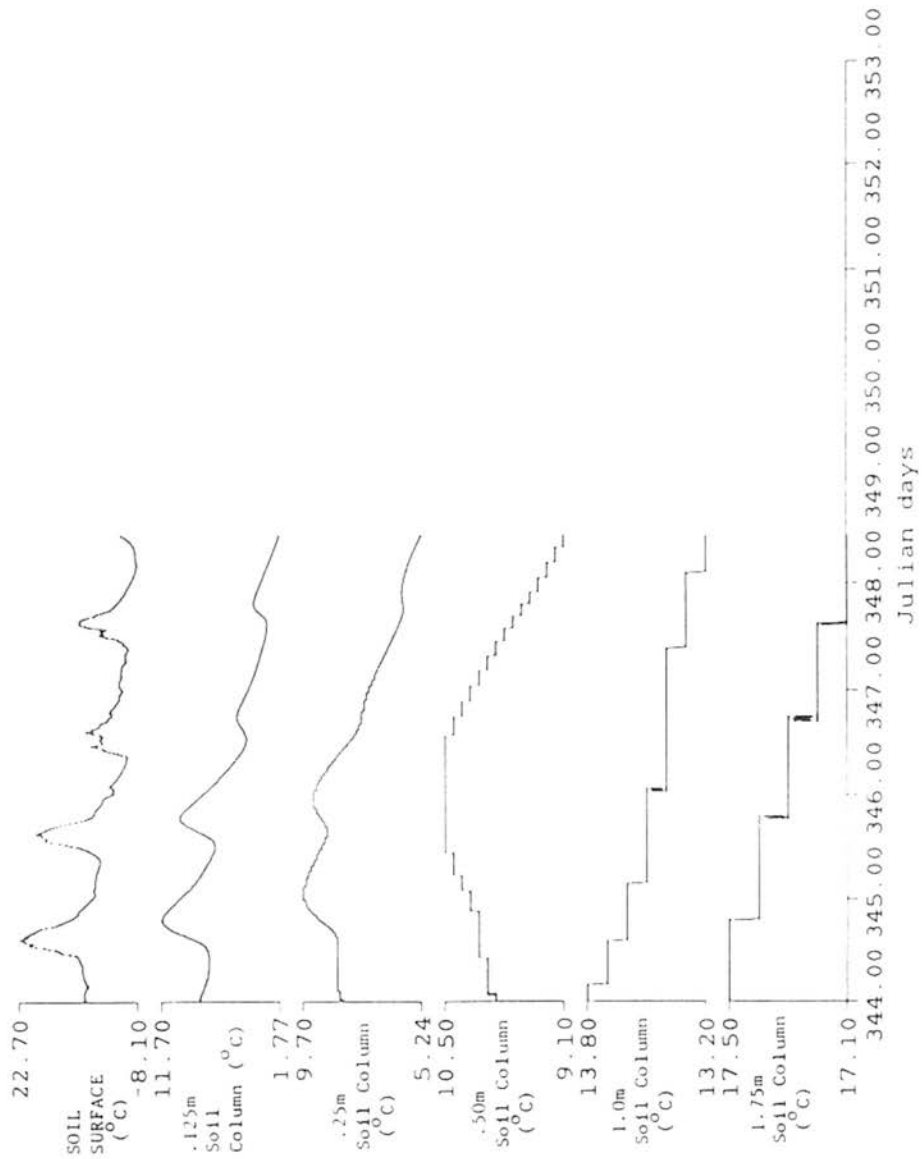
## Dandini Soil Temperature



## Dandini Soil Temperature



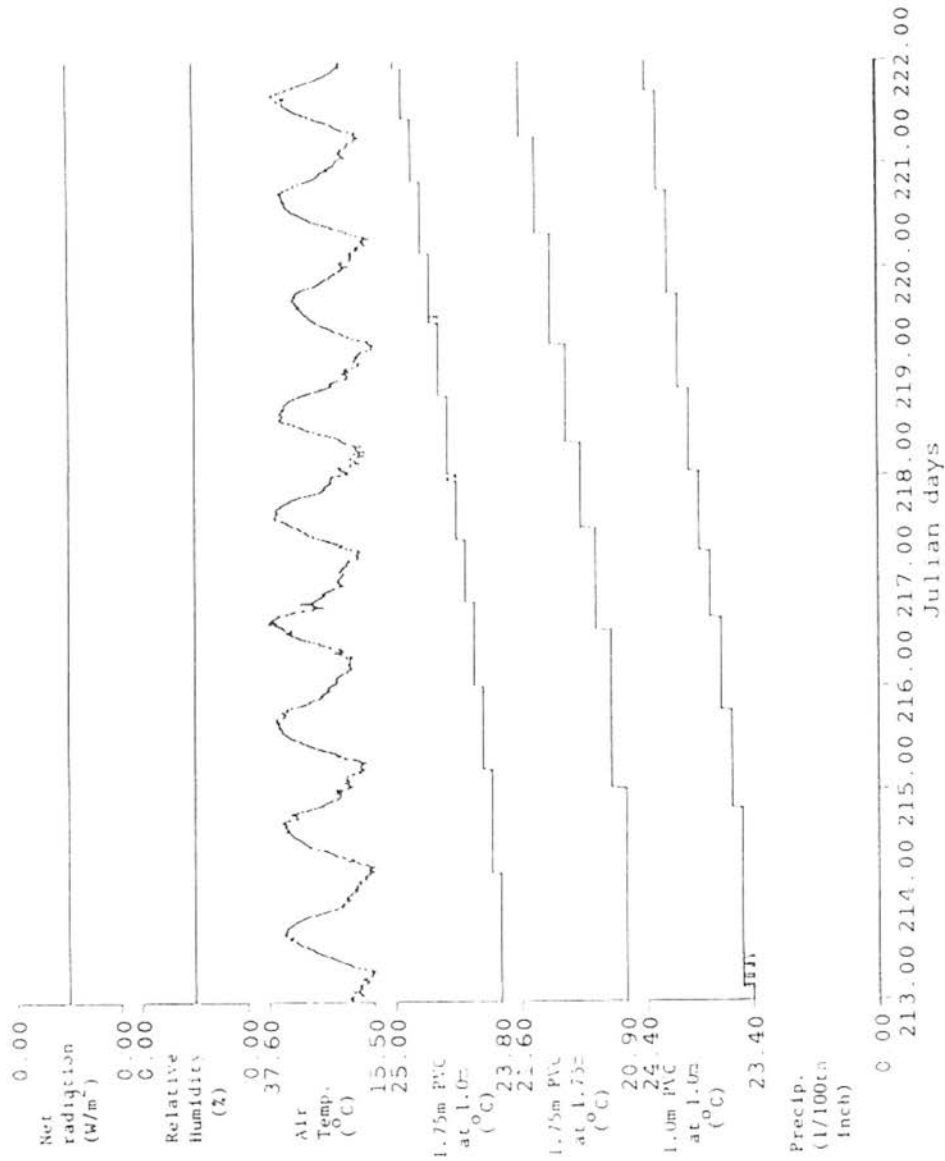
Dandini Soil Temperature

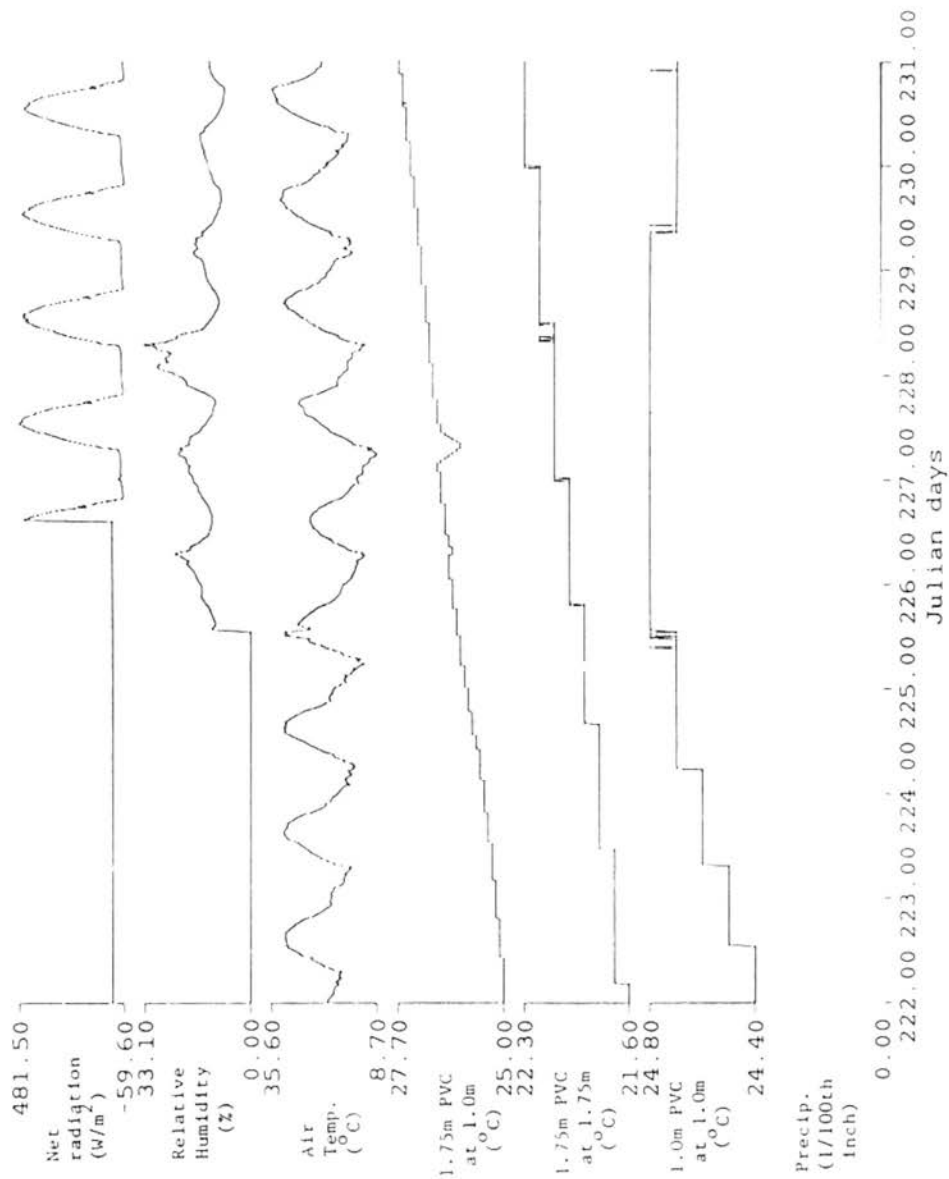


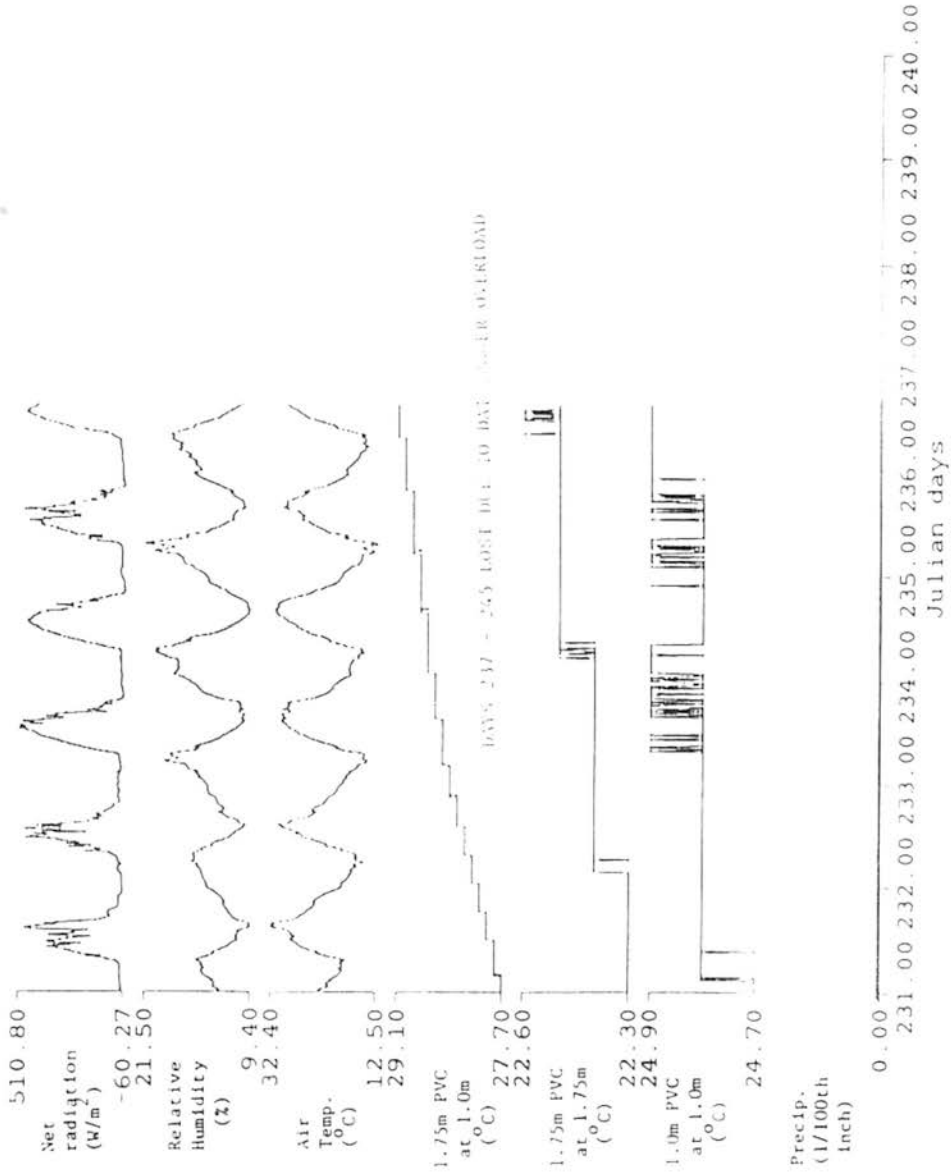


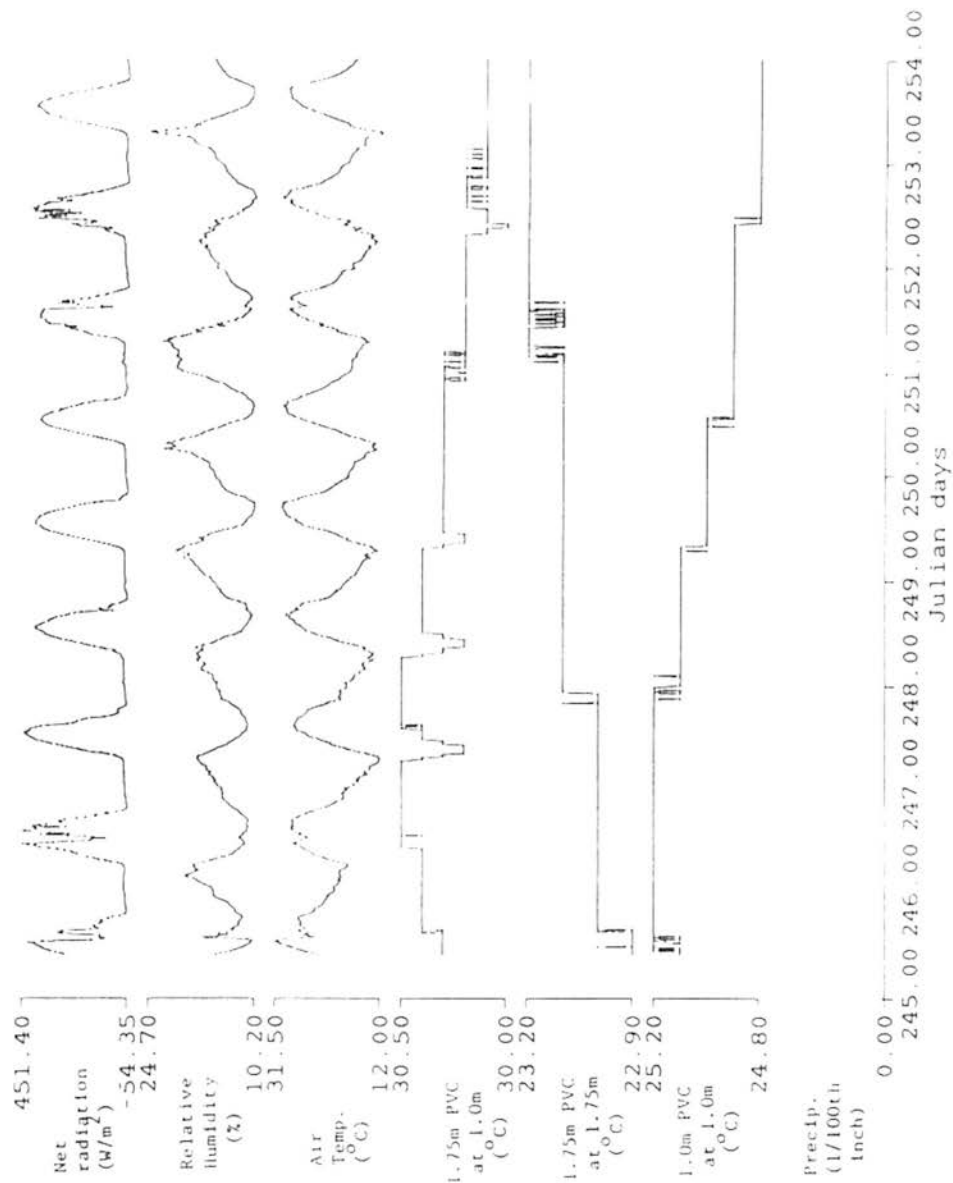
## APPENDIX C

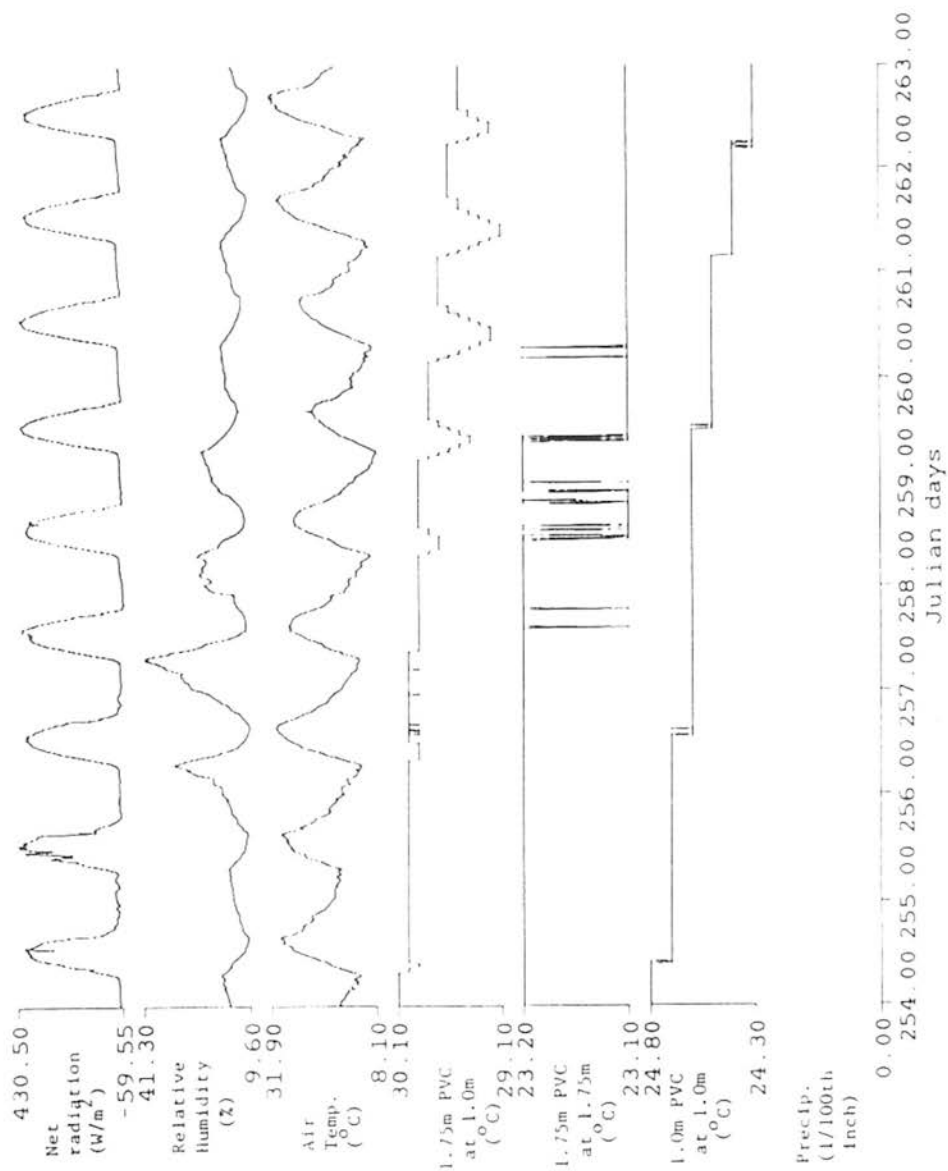
Time Series Graphs for the Antifreeze/Water-filled PVC Pipes,  
Relative Humidity, Net Radiation and Precipitation



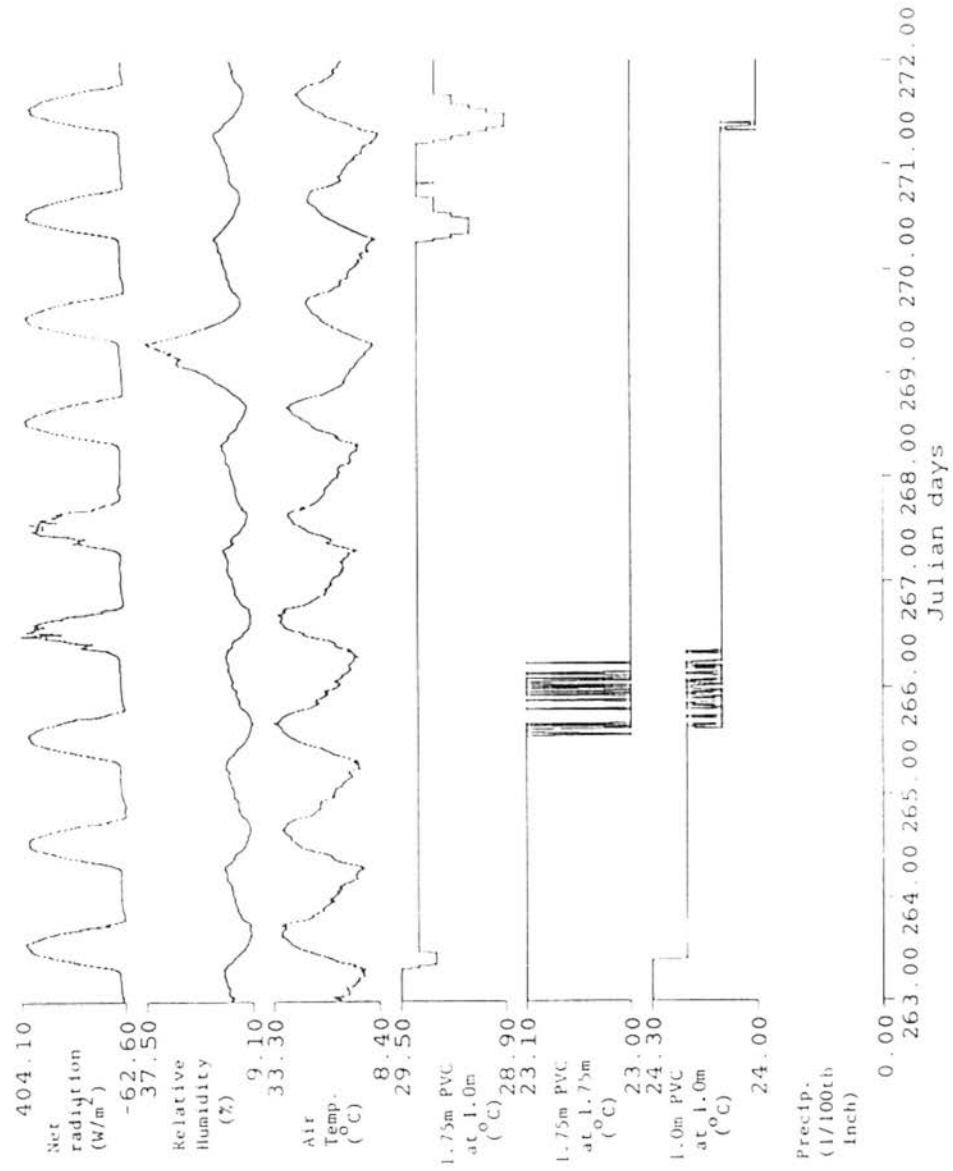


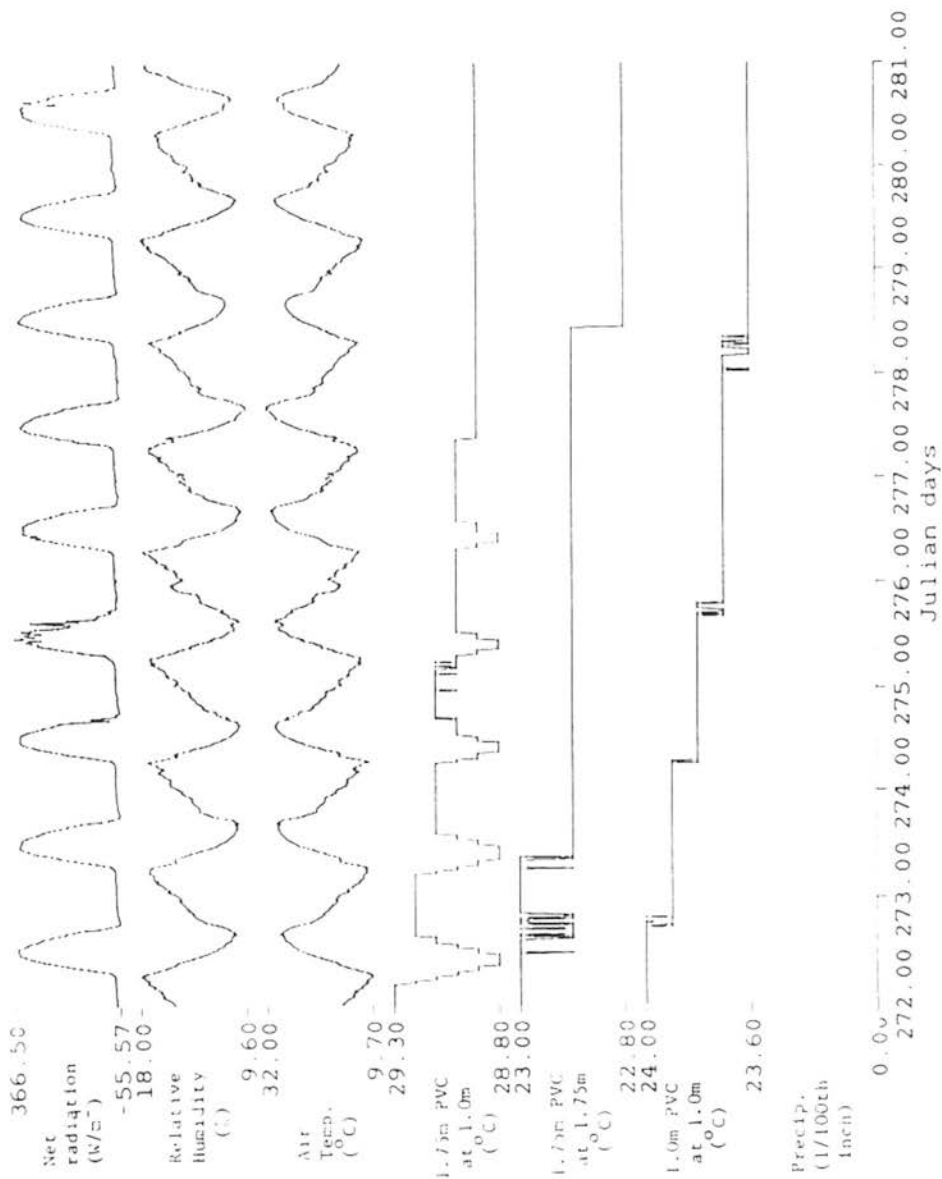


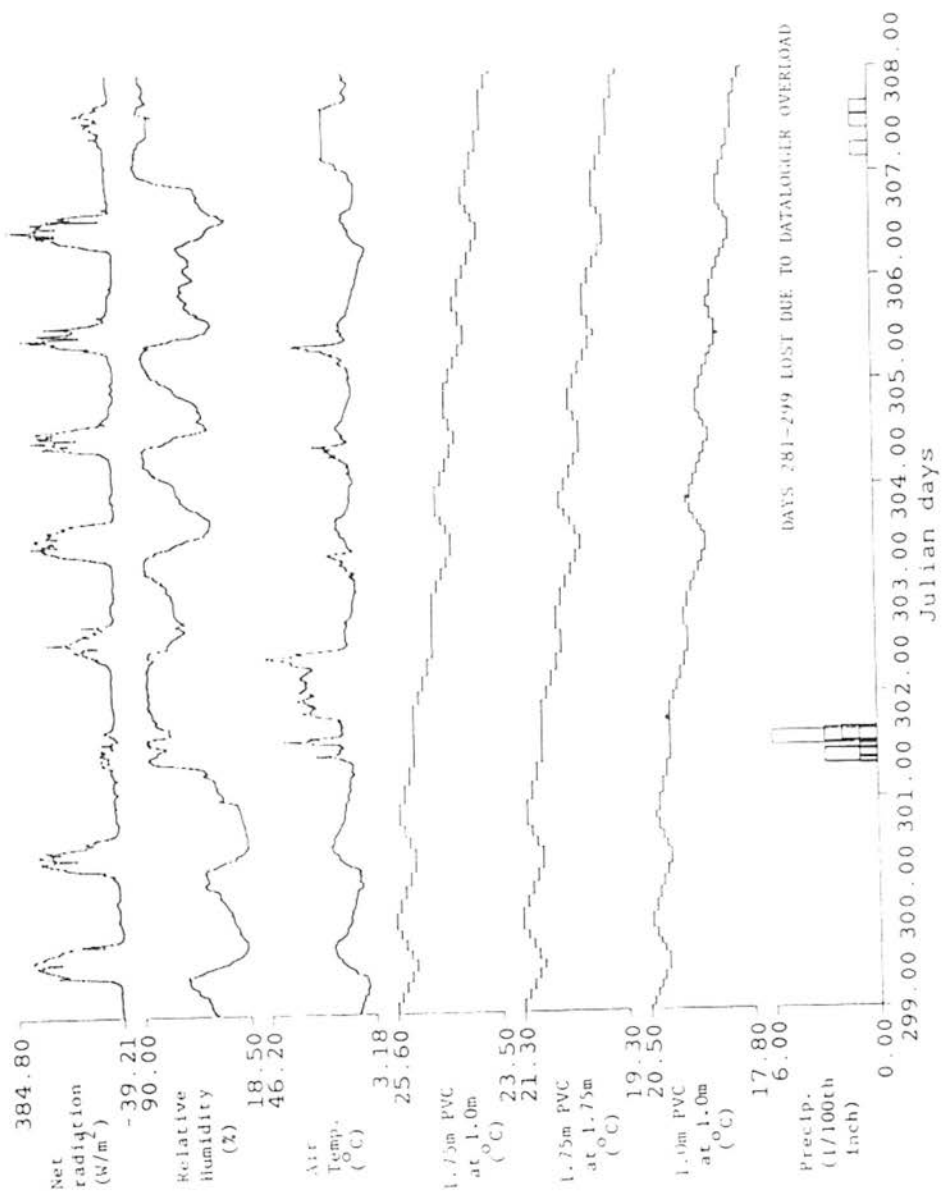


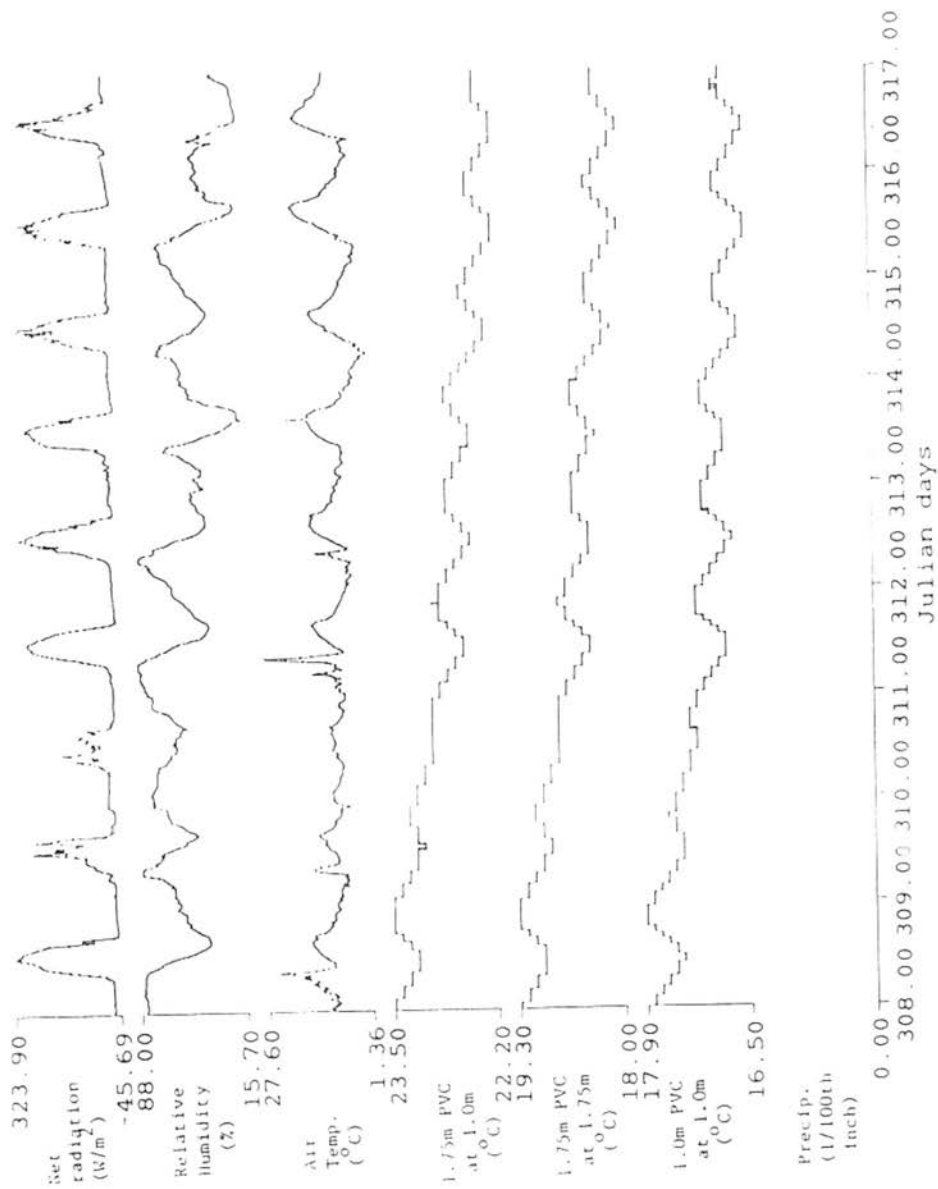


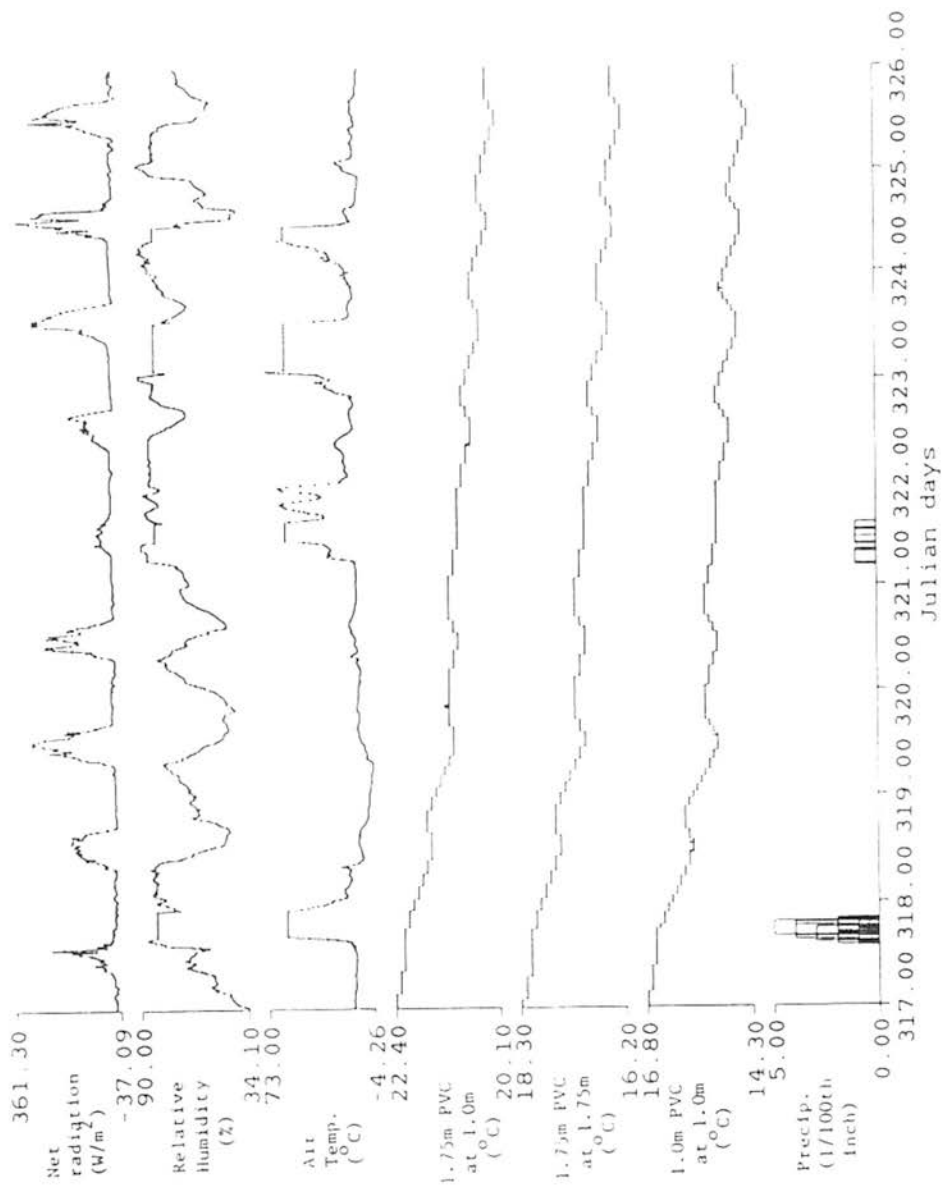


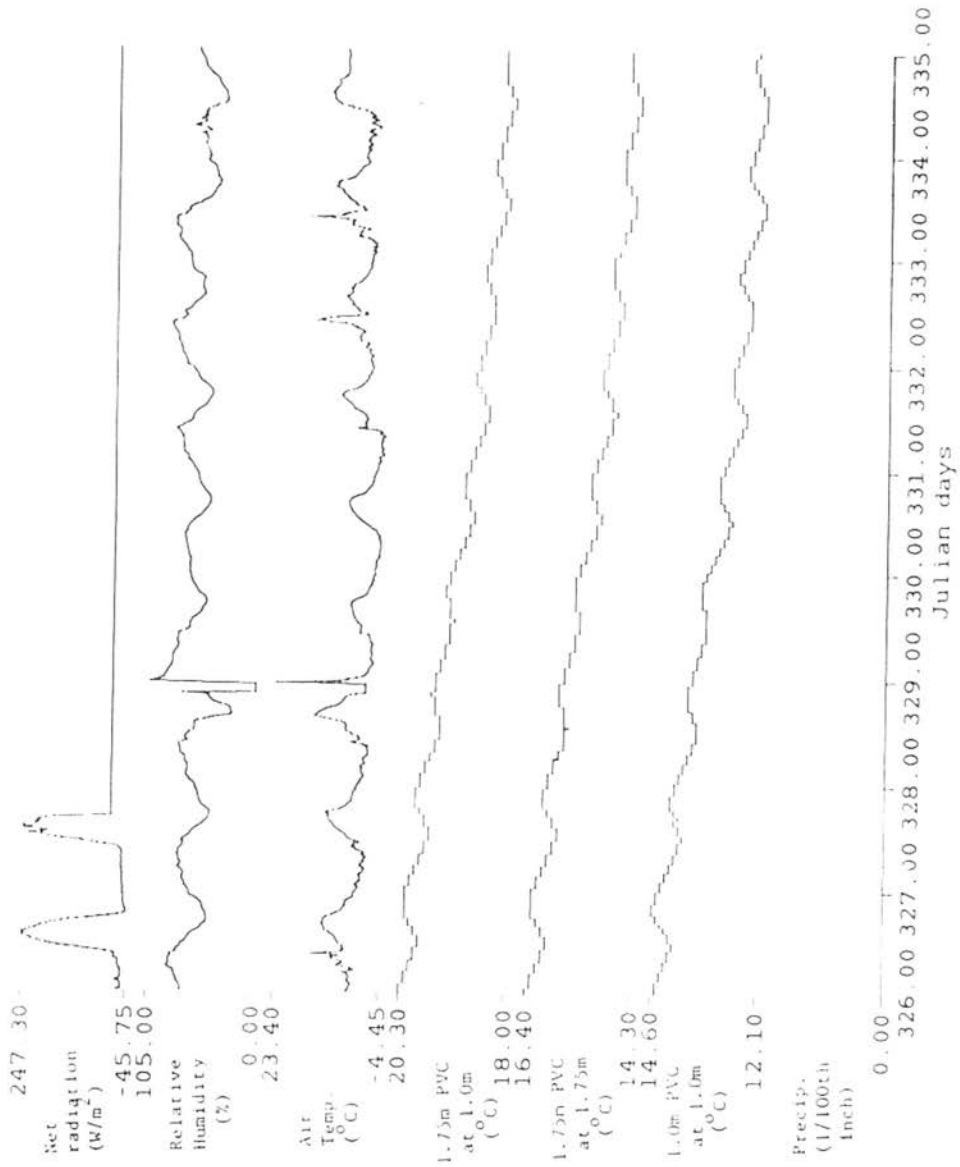




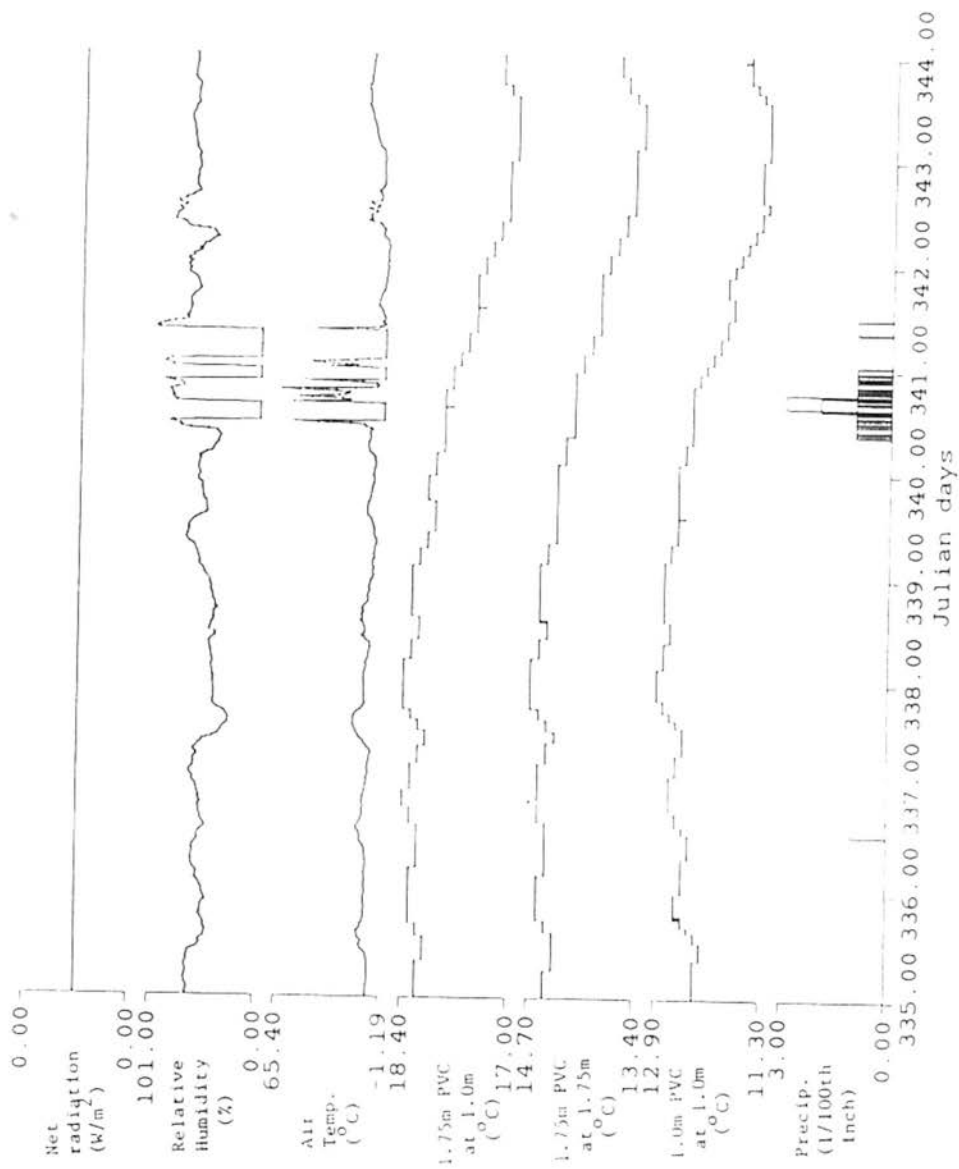


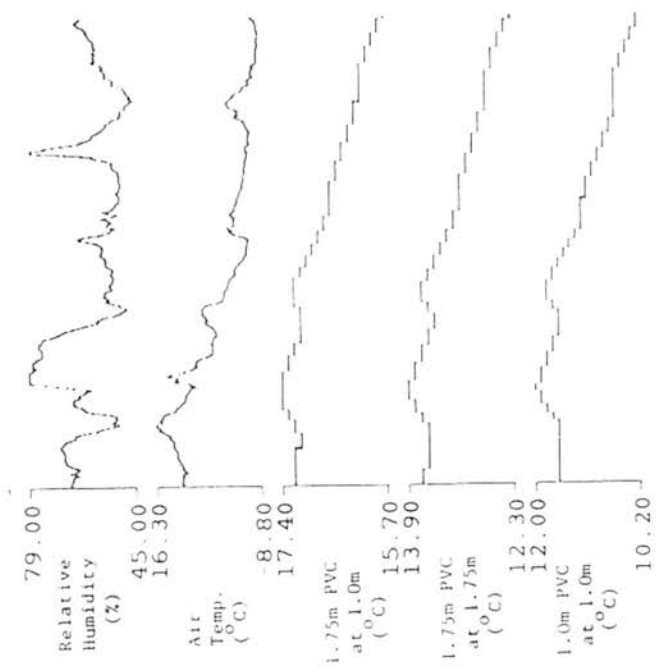












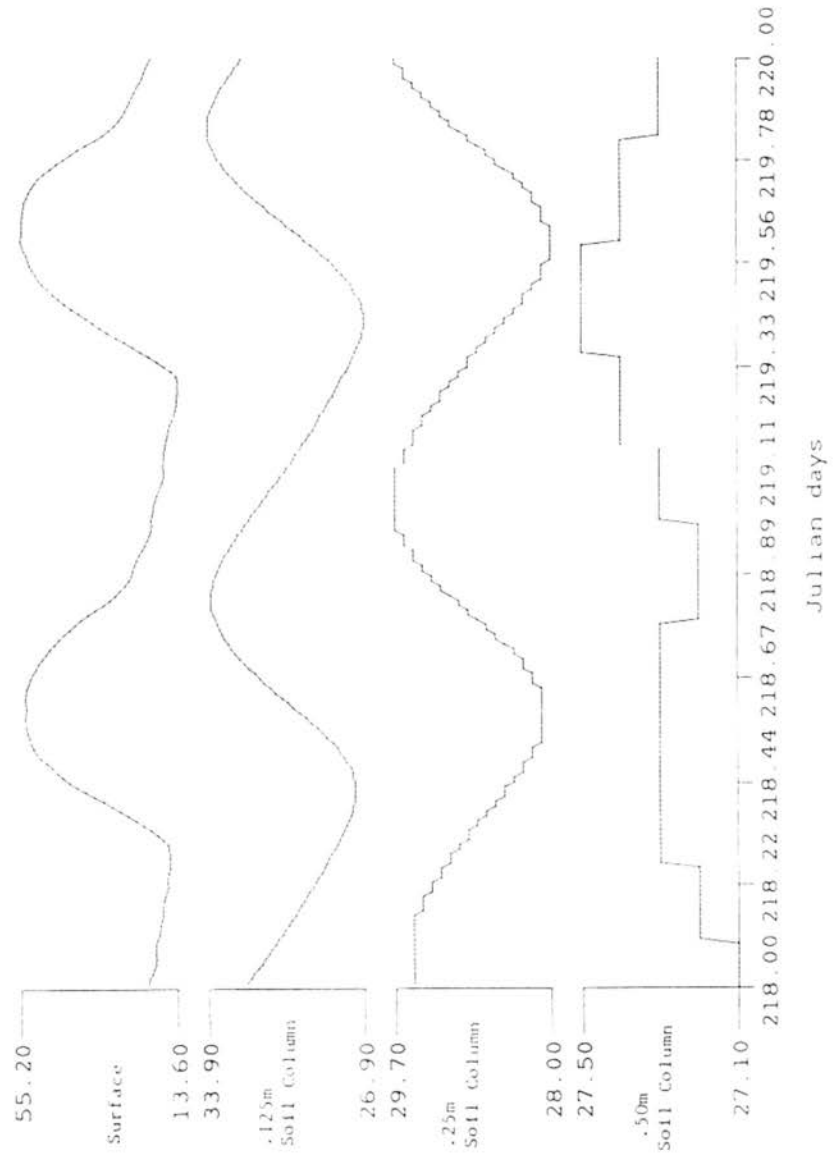
Relative Humidity (%) 79.00  
45.00  
16.30  
Air Temp. (°C) -8.80  
17.40  
1.75m PVC at 1.0m (°C) 15.70  
13.90  
1.75m PVC at 1.75m (°C) 12.30  
12.00  
1.0m PVC at 1.0m (°C) 10.20  
Precip. (1/100th inch) 0.00  
344.00 345.00 346.00 347.00 348.00 349.00 350.00 351.00 352.00 353.00  
Julian days

## APPENDIX D

Two-day Curves used for Cross-Correlation-Garnered Time Lags

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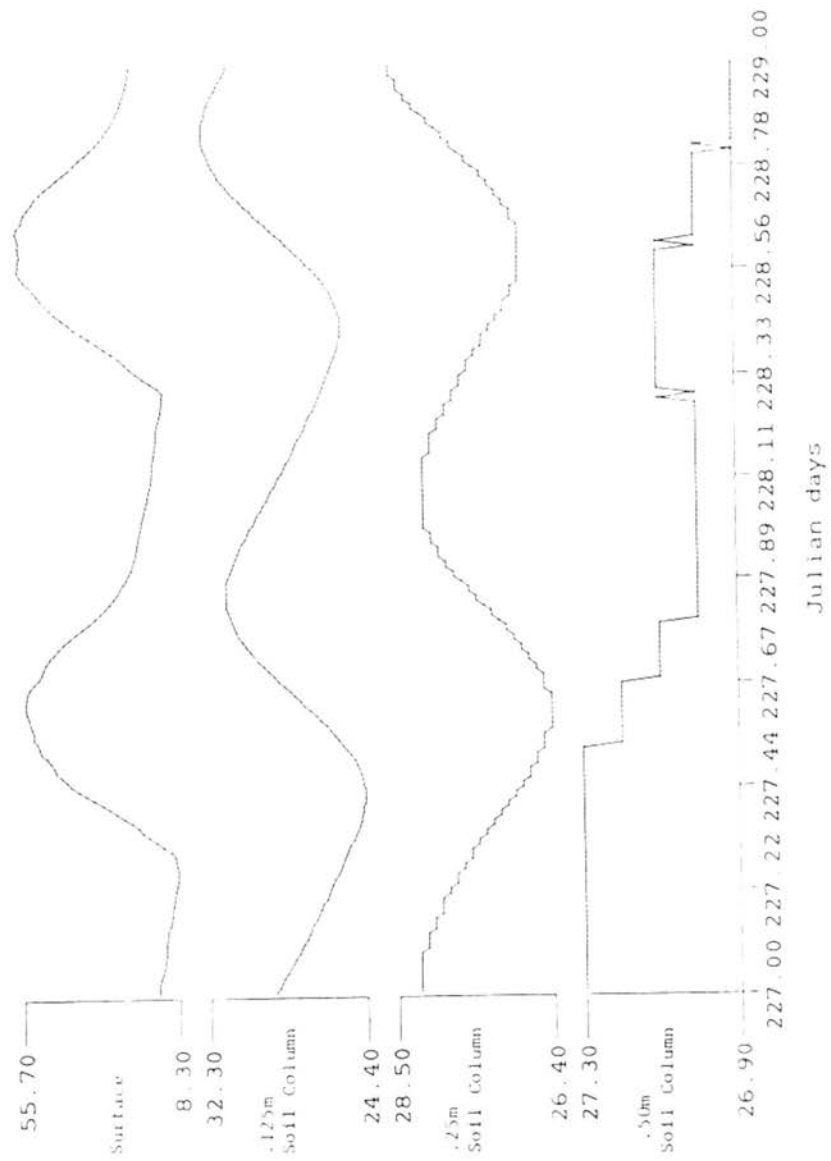
Dandini Soil Column



## Dandini Soil Column

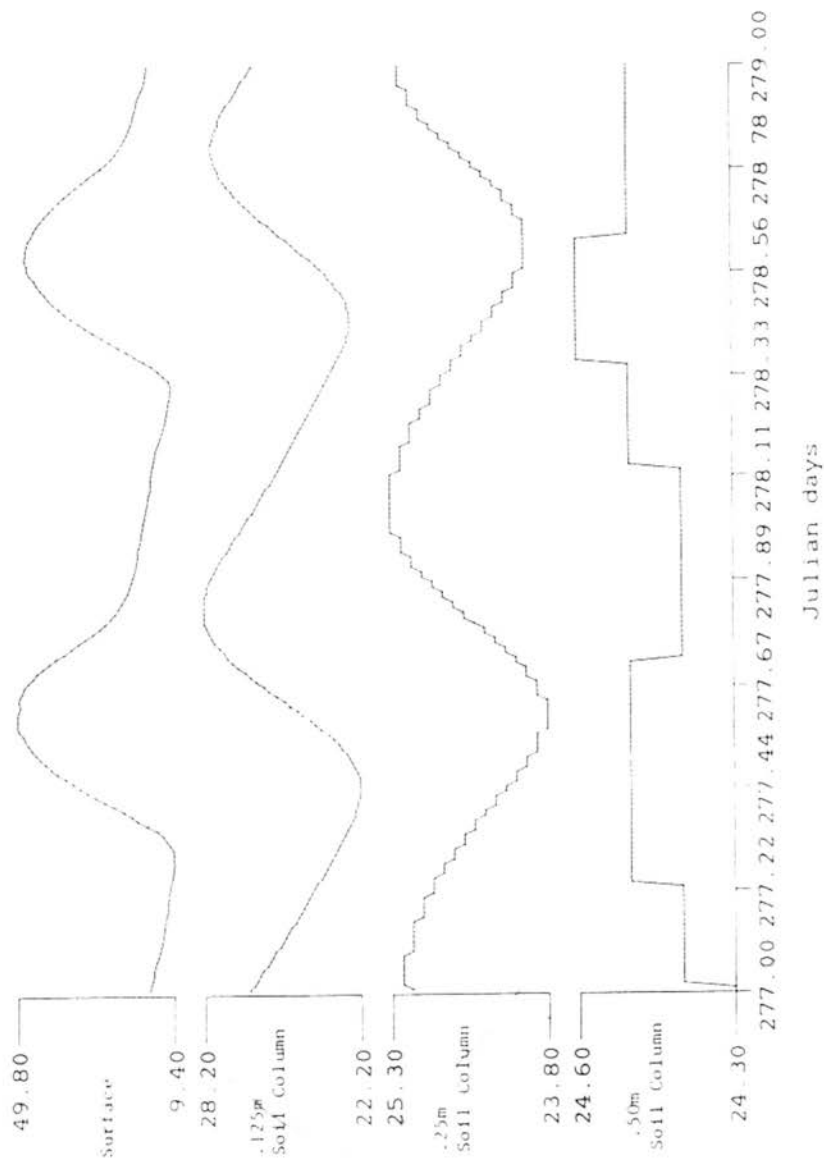


Dandini Soil Column

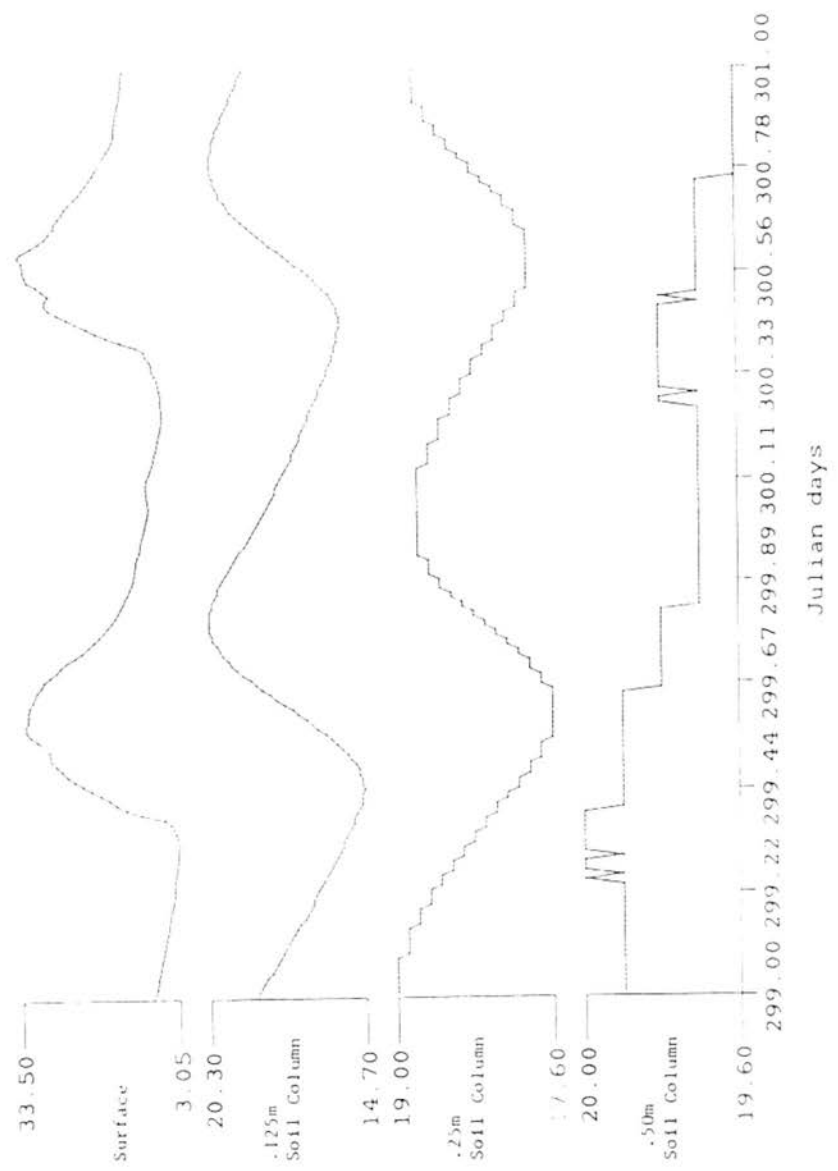




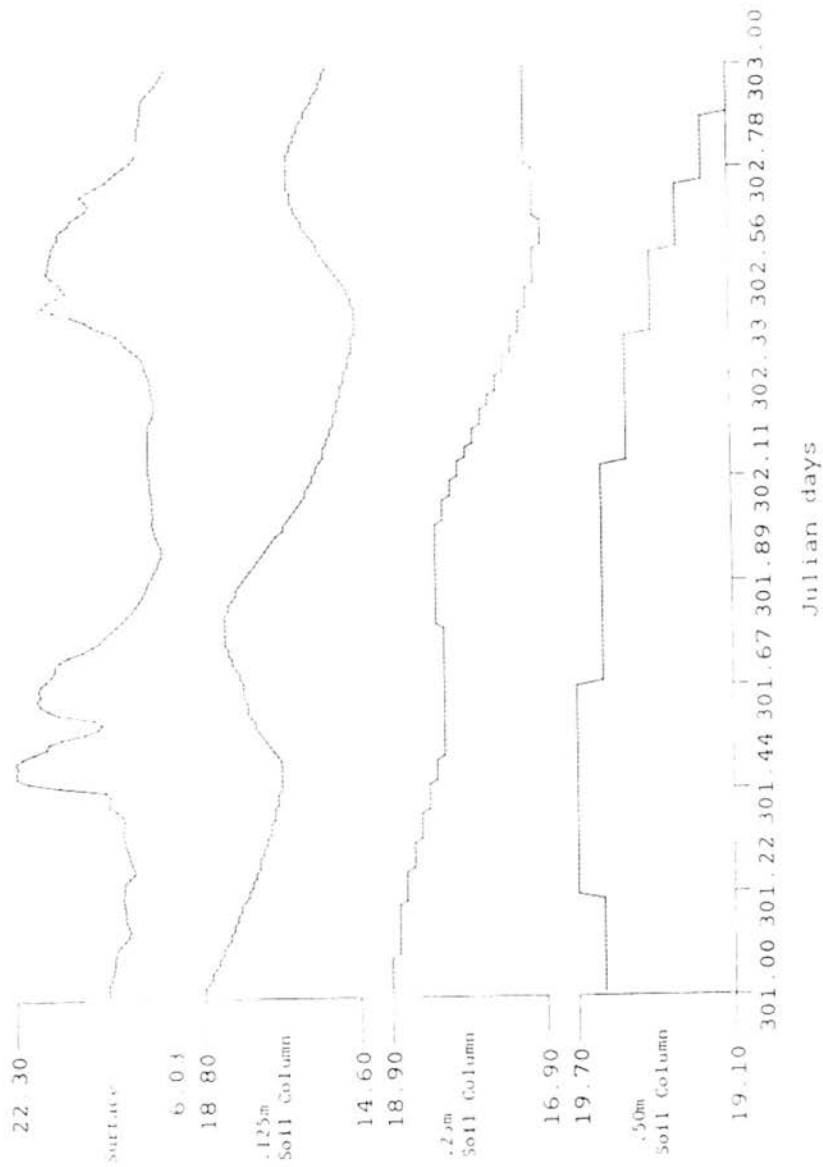
Dandini Soil Column



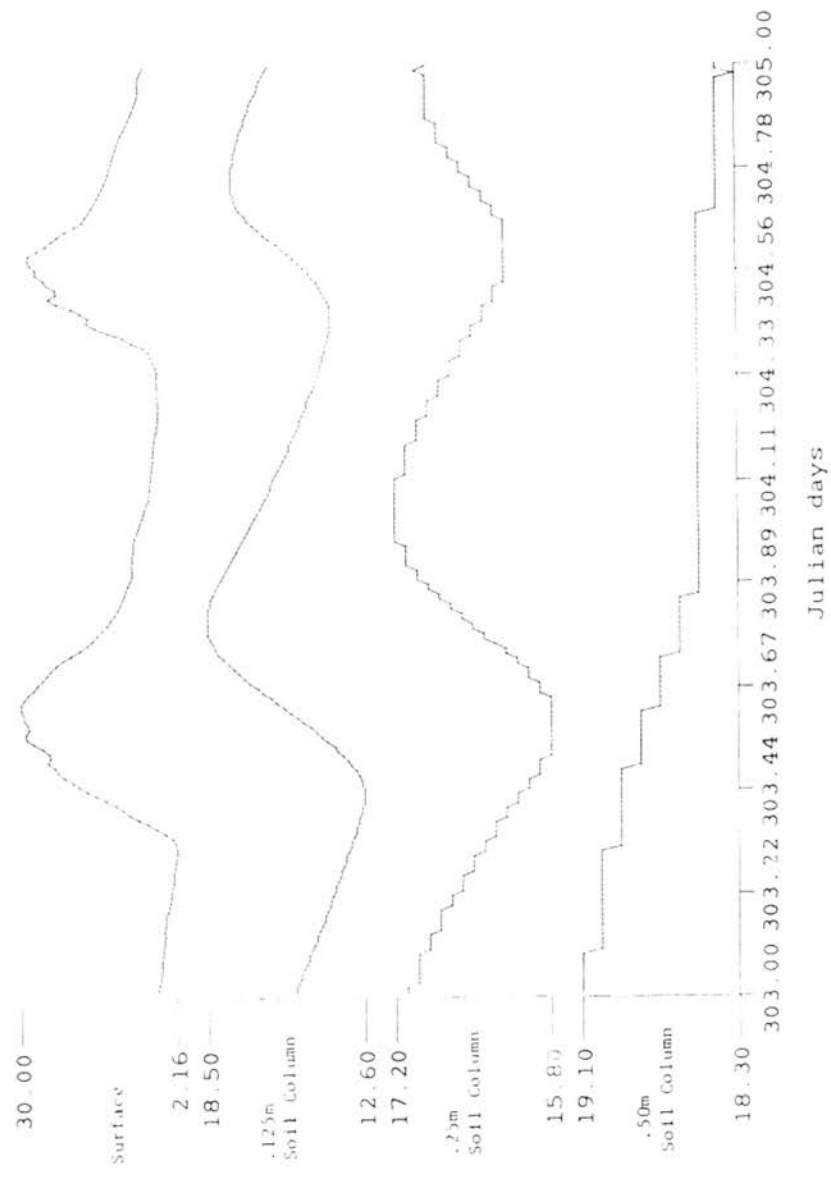
Dandini Soil Column



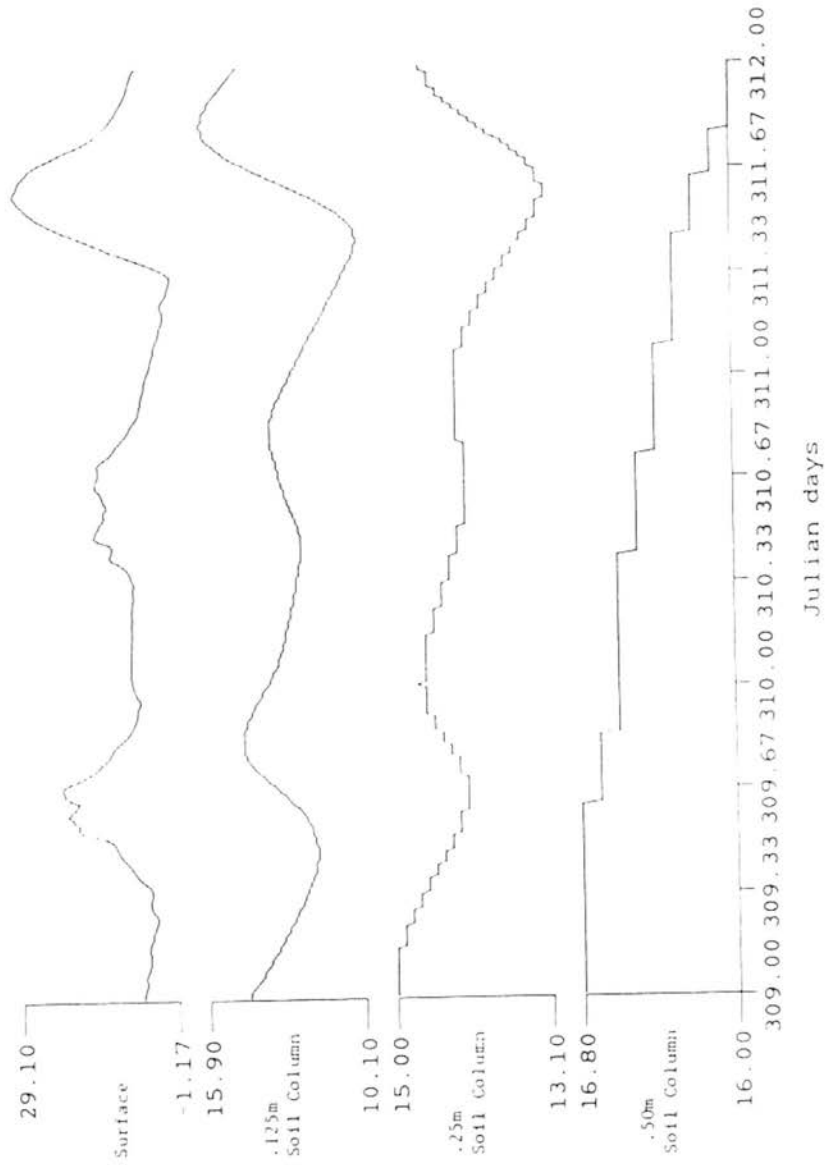
Dandini Soil Column



Dandini Soil Column



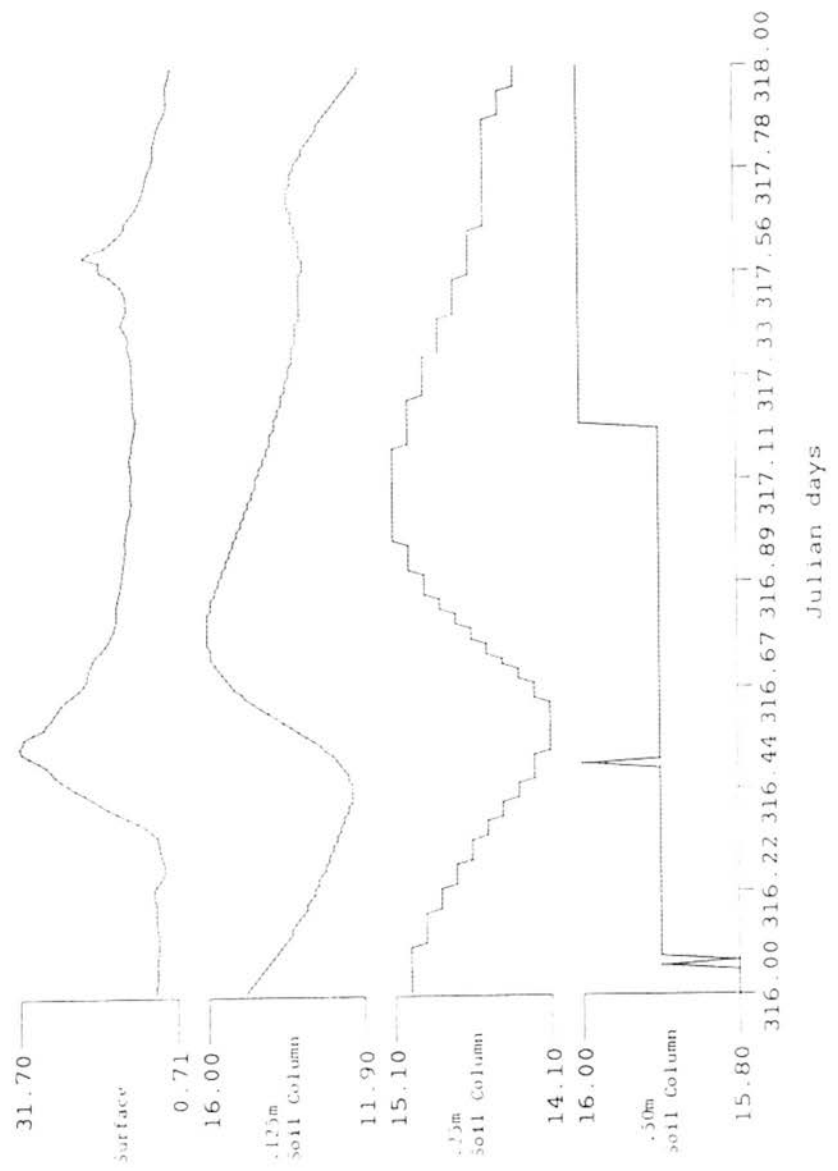
Dandini Soil Column



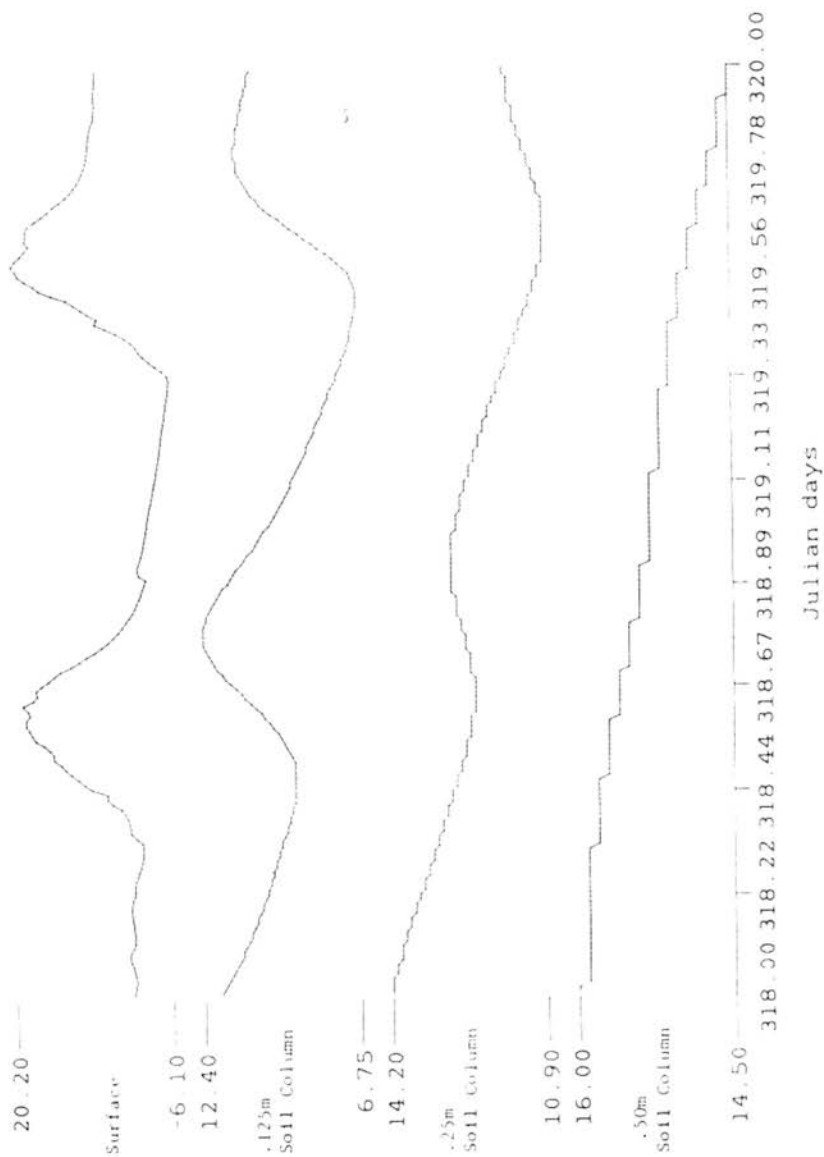




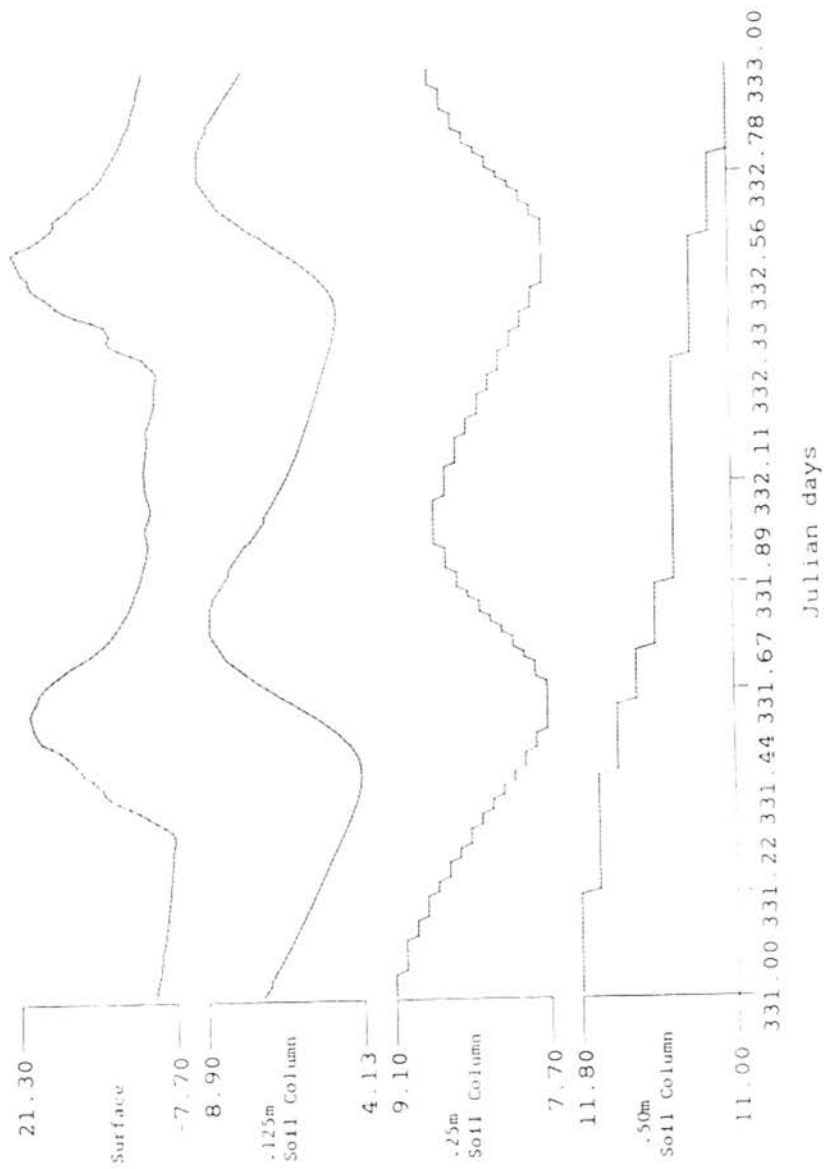
Dandini Soil Column



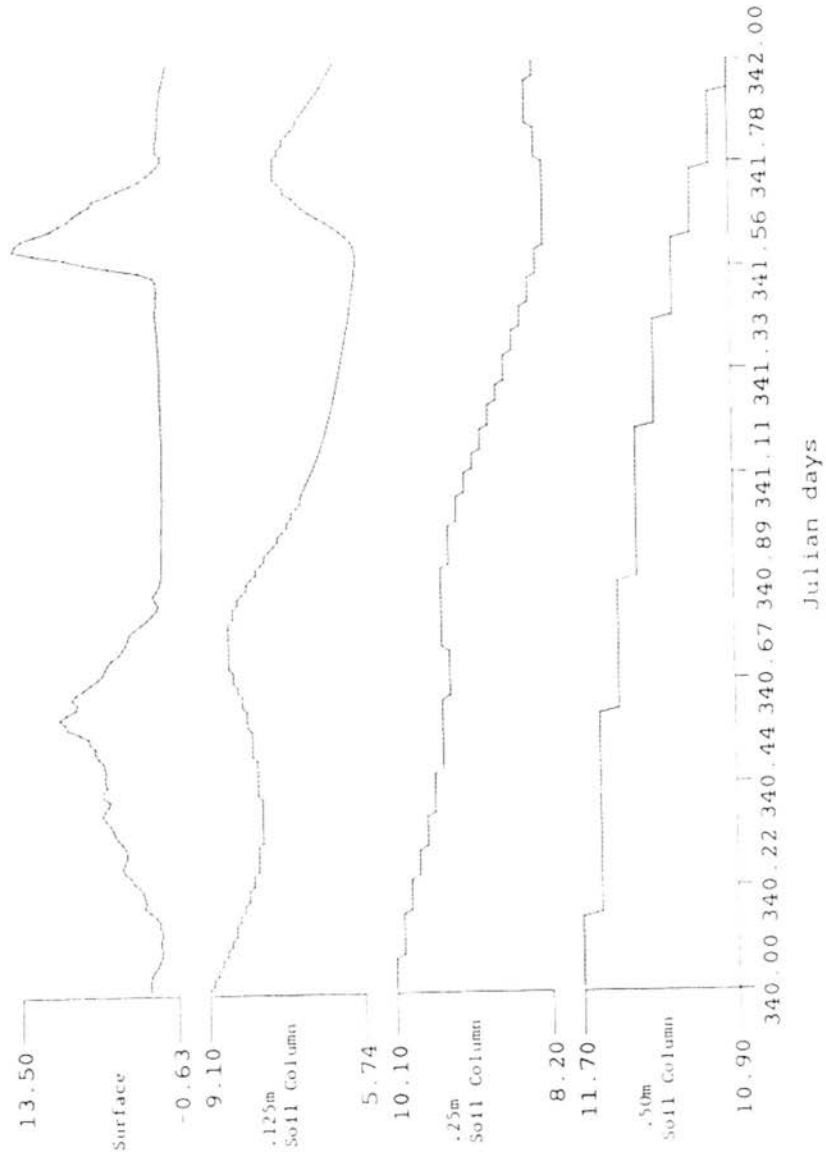
Dandini Soil Column



Dandini Soil Column

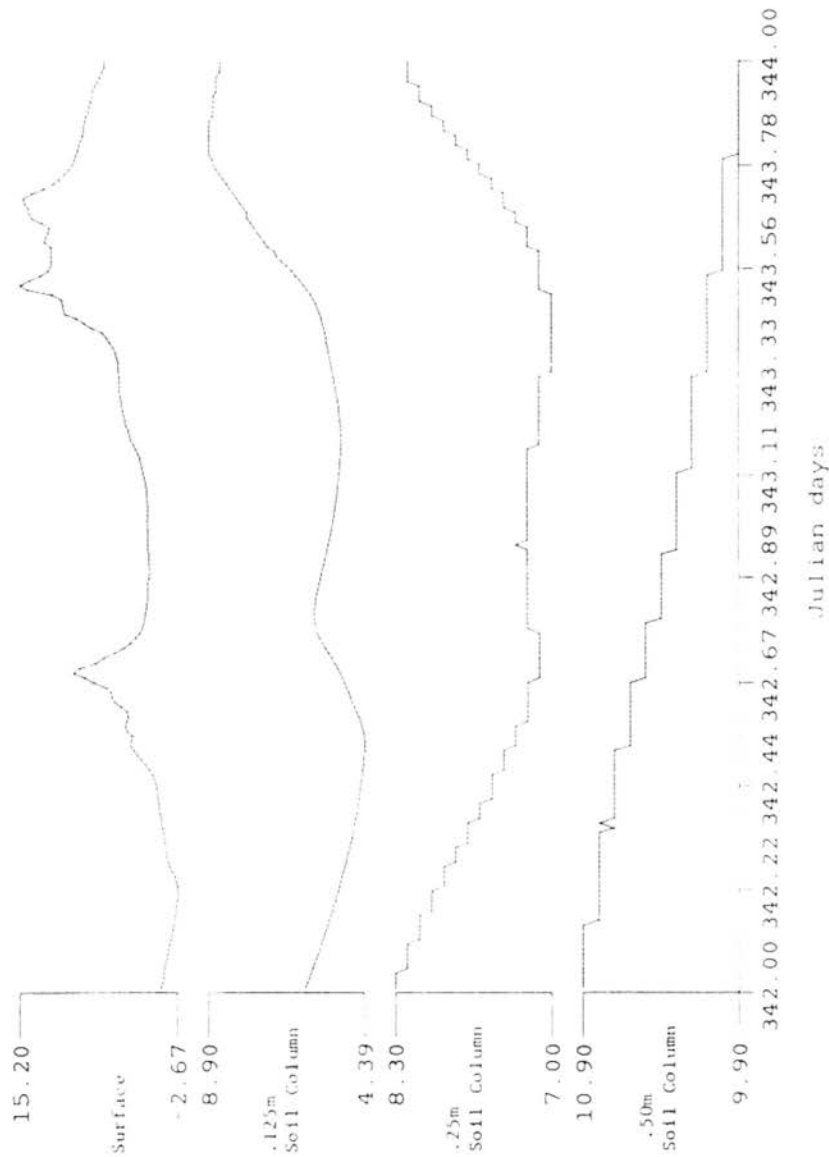


Dandini Soil Column



Julian days

Dandini Soil Column



APPENDIX E

Data Collected from the Shallow Temperature Survey of Dixie  
Valley

APRIL 1979

No.	COLLECTION			TEMPERATURE			TEMPERATURE			COLLECTION			TEMPERATURE			TEMPERATURE										
	No.	Date	Time	Air	Top	Mid	Bot	Air	Top	Mid	Bot	No.	Date	Time	Air	Top	Mid	Bot	No.	Date	Time	Air	Top	Mid	Bot	
001	011	04/01	15:47	11.0	13.0	10.8	10.7	9.4	13.8	14.0	14.1	118	04/01	14:36	16.7	9.8	9.8	10.1	119	04/01	14:43	16.1	9.8	9.8	10.7	
002	012	04/02	15:47	16.1	10.1	9.9	10.1	8.3	9.9	9.1	9.4	120	04/01	16:47	12.2	9.7	9.8	9.9	121	04/01	16:55	11.1	11.6	11.4	11.7	
003	013	04/02	15:30	15.0	11.2	10.3	10.6	8.3	8.9	9.1	9.4	122	04/01	17:05	12.2	10.6	10.4	10.6	123	04/01	17:13	10.0	11.1	10.7	10.7	
004	014	03/31	00:00	8.9	9.0	9.0	9.1	11.0	7.8	9.9	9.8	124	04/01	17:39	9.4	10.6	9.6	9.6	125	04/02	10:51	13.3	10.0	9.7	10.1	
005	015	03/31	17:33	8.9	9.6	9.7	9.9	11.0	8.2	8.5	7.8	126	04/02	10:51	13.3	10.0	9.7	9.4	127	04/02	10:57	13.3	8.8	8.7	8.9	
006	016	03/31	17:42	8.9	9.4	9.4	9.5	11.0	8.2	8.5	7.8	128	04/01	00:00	9.0	11.8	11.6	12.2	129	04/01	00:00	9.0	11.4	11.5	11.5	
007	017	03/31	17:49	8.9	9.4	9.4	9.5	11.0	8.2	8.5	7.8	130	04/01	00:00	10.0	10.5	10.5	10.5	131	04/01	00:00	10.0	10.5	10.2	10.2	
008	018	03/31	17:56	8.9	9.4	9.4	9.5	11.0	8.2	8.5	7.8	132	04/01	00:00	10.0	10.5	10.5	10.5	133	04/01	00:00	10.0	10.5	10.2	10.2	
009	019	03/31	18:02	7.8	8.4	9.4	9.5	11.0	8.2	8.5	7.8	134	04/01	00:00	10.0	10.5	10.5	10.5	135	04/02	15:30	15.0	10.8	10.2	10.3	
010	020	03/31	18:16	8.3	9.4	9.4	9.5	11.0	8.2	8.5	7.8	136	04/01	00:00	10.0	10.5	10.5	10.5	137	04/01	00:00	10.0	10.5	10.2	10.2	
011	021	03/31	18:16	8.3	9.4	9.4	9.5	11.0	8.2	8.5	7.8	138	04/01	00:00	10.0	10.5	10.5	10.5	139	04/01	00:00	10.0	10.5	10.2	10.2	
012	022	03/31	00:00	8.0	9.0	9.1	9.6	11.0	8.2	8.5	7.8	140	04/01	00:00	10.0	10.5	10.5	10.5	141	04/01	00:00	10.0	10.5	10.2	10.2	
013	023	03/31	00:00	8.0	9.0	9.1	9.6	11.0	8.2	8.5	7.8	142	04/01	00:00	10.0	10.5	10.5	10.5	143	04/01	00:00	10.0	10.5	10.2	10.2	
014	024	03/31	00:00	8.0	9.0	9.1	9.6	11.0	8.2	8.5	7.8	144	04/01	00:00	10.0	10.5	10.5	10.5	145	04/02	15:30	15.0	10.8	10.2	10.3	
015	025	03/31	00:00	8.0	9.0	9.1	9.6	11.0	8.2	8.5	7.8	146	04/01	00:00	10.0	10.5	10.5	10.5	147	04/01	00:00	10.0	10.5	10.2	10.2	
016	026	03/31	00:00	8.0	9.0	9.1	9.6	11.0	8.2	8.5	7.8	148	04/02	15:12	15.0	12.8	12.8	13.3	149	04/02	15:12	15.0	12.8	12.8	13.3	
017	027	03/31	00:00	8.0	9.0	9.1	9.6	11.0	8.2	8.5	7.8	150	04/01	00:00	10.0	10.5	10.5	10.5	151	04/01	00:00	10.0	10.5	10.2	10.2	
018	028	03/31	00:00	8.0	9.0	9.1	9.6	11.0	8.2	8.5	7.8	152	04/01	00:00	10.0	10.5	10.5	10.5	153	04/01	00:00	10.0	10.5	10.2	10.2	
019	029	03/31	00:00	8.0	9.0	9.1	9.6	11.0	8.2	8.5	7.8	154	04/01	00:00	10.0	10.5	10.5	10.5	155	04/02	09:56	11.7	9.9	9.7	10.1	
020	030	03/31	00:00	8.0	9.0	9.1	9.6	11.0	8.2	8.5	7.8	156	04/02	09:56	11.7	9.9	9.7	10.1	157	04/02	09:46	11.7	9.9	9.8	9.5	
021	031	03/31	00:00	8.0	9.0	9.1	9.6	11.0	8.2	8.5	7.8	158	03/31	00:00	10.0	10.5	10.5	10.5	159	03/31	00:00	10.0	10.5	10.2	10.2	
022	032	04/02	08:21	11.1	10.9	10.7	12.0	12.5	8.3	8.3	8.3	160	03/31	00:00	10.0	10.5	10.5	10.5	161	03/31	00:00	10.0	10.5	10.2	10.2	
023	033	04/02	08:21	11.1	10.9	10.7	12.0	12.5	8.3	8.3	8.3	162	03/31	00:00	10.0	10.5	10.5	10.5	163	03/31	00:00	10.0	10.5	10.2	10.2	
024	034	04/02	08:34	8.0	11.0	11.1	11.4	11.2	8.4	8.4	8.4	164	03/31	00:00	10.0	10.5	10.5	10.5	165	03/31	00:00	10.0	10.5	10.2	10.2	
025	035	04/02	08:34	8.0	11.0	11.1	11.4	11.2	8.4	8.4	8.4	166	04/01	10:21	12.8	10.3	10.3	10.4	167	04/01	10:21	12.8	10.3	10.3	10.4	
026	036	04/02	08:41	10.6	10.6	10.4	11.0	11.0	9.4	9.4	9.4	168	04/01	14:01	10.2	10.6	10.6	10.6	169	04/01	17:26	10.0	9.6	9.6	9.8	
027	037	04/02	08:49	10.6	10.6	10.4	11.0	11.0	9.4	9.4	9.4	170	04/01	16:24	11.1	11.2	11.4	10.9	171	04/01	16:32	11.1	11.2	11.6	11.8	
028	038	04/02	08:55	10.6	10.6	10.4	11.0	11.0	9.4	9.4	9.4	172	04/01	15:43	15.0	10.6	10.6	10.9	173	04/01	15:43	15.0	10.6	10.8	11.1	
029	039	04/02	09:01	11.1	9.9	9.9	10.2	10.2	8.3	8.3	8.3	174	04/01	16:00	13.3	10.6	10.6	10.9	175	04/01	16:00	13.3	10.6	10.6	10.9	
030	040	04/01	18:40	8.9	11.4	11.3	11.3	11.3	11.1	11.1	11.1	176	04/01	13:04	13.3	10.1	10.1	10.1	177	03/31	00:00	13.0	10.7	10.1	10.0	
031	041	04/01	18:24	8.9	11.4	11.3	11.3	11.3	11.1	11.1	11.1	178	03/31	14:15	11.7	8.3	8.3	8.8								
032	042	04/01	17:58	9.4	10.7	10.7	11.0	11.0	9.4	9.4	9.4															
033	043	04/01	17:49	9.4	10.7	10.7	11.0	11.0	9.4	9.4	9.4															
034	044	04/01	17:49	9.4	10.7	10.7	11.0	11.0	9.4	9.4	9.4															
035	045	04/01	00:00	8.0	8.7	8.9	8.9	8.9	8.9	8.9	8.9															
036	046	04/01	00:00	8.0	8.7	8.9	8.9	8.9	8.9	8.9	8.9															
037	047	04/01	00:00	8.0	8.7	8.9	8.9	8.9	8.9	8.9	8.9															
038	048	04/01	13:09	11.0	18.8	19.2	19.9	19.9	11.0	11.0	11.0															
039	049	04/01	00:00	16.0	11.8	11.8	11.6	11.6	11.0	11.0	11.0															
040	050	04/01	00:00	12.0	10.4	10.4	10.5	10.5	10.6	10.6	10.6															
041	051	04/01	00:00	12.0	10.4	10.4	10.5	10.5	10.6	10.6	10.6															
042	052	04/01	00:00	12.0	10.4	10.4	10.5	10.5	10.6	10.6	10.6															
043	053	04/01	00:00	12.0	10.4	10.4	10.5	10.5	10.6	10.6	10.6															
044	054	04/01	00:00	12.0	10.4	10.4	10.5	10.5	10.6	10.6	10.6															
045	055	04/01	00:00	12.0	10.4	10.4	10.5	10.5	10.6	10.6	10.6															
046	056	04/01	00:00	12.0	10.4	10.4	10.5	10.5	10.6	10.6	10.6															
047	057	04/01	00:00	12.0	10.4	10.4	10.5	10.5	10.6	10.6	10.6															
048	058	04/01	00:00	12.0	10.4	10.4	10.5	10.5	10.6	10.6	10.6															
049	059	04/01	00:00	12.0	10.4	10.4	10.5	10.5	10.6	10.6	10.6															
050	060	04/01	00:00	12.0	10.4	10.4	10.5	10.5	10.6	10.6	10.6															
051	061	04/01	00:00	12.0	10.4	10.4	10.5																			



MAY 13/79

NO.	T E M P E R A T U R E			COLLECTION DATE	COLLECTION TIME	NO.	T E M P E R A T U R E			COLLECTION DATE	COLLECTION TIME	NO.	T E M P E R A T U R E		
	AIR	TOP	MID				Bot	AIR	TOP				MID	Bot	AIR
001	15.6	17.1	14.9	04/28	10:45	060	21.1	18.1	14.8	04/28	16:25	118	24.0	18.9	15.7
002	21.0	17.0	14.8	04/28	11:00	061	21.1	20.2	21.1	04/28	16:33	119	24.0	17.7	15.6
003	25.0	16.2	15.3	04/28	10:49	062	16.0	14.6	20.8	04/28	16:55	120	23.0	15.7	13.8
004	25.0	16.2	15.3	04/28	10:49	063	16.0	17.2	21.6	04/28	17:04	121	24.0	18.9	16.7
005	25.0	15.4	13.5	04/29	09:45	064	13.0	18.3	19.3	04/29	17:24	122	23.0	17.1	15.7
006	25.0	15.4	13.5	04/29	09:45	065	16.0	17.8	17.1	04/29	17:52	123	22.0	20.7	17.3
007	24.0	15.6	15.4	04/29	12:58	066	25.0	15.0	13.6	04/29	18:15	124	20.0	20.5	18.8
008	24.0	15.6	15.4	04/29	12:58	067	21.0	14.1	12.2	04/29	18:15	125	20.0	20.1	17.1
009	24.0	15.6	15.4	04/29	12:58	068	21.0	14.1	12.2	04/29	18:15	126	20.0	20.8	19.2
010	24.0	15.6	15.4	04/29	12:58	069	21.0	14.1	12.2	04/29	18:15	127	20.0	20.3	19.2
011	24.0	15.6	15.4	04/29	12:58	070	21.0	14.1	12.2	04/29	18:15	128	20.0	20.3	19.2
012	24.0	15.6	15.4	04/29	12:58	071	21.0	14.1	12.2	04/29	18:15	129	20.0	20.3	19.2
013	24.0	15.6	15.4	04/29	12:58	072	21.0	14.1	12.2	04/29	18:15	130	20.0	20.3	19.2
014	24.0	15.6	15.4	04/29	12:58	073	21.0	14.1	12.2	04/29	18:15	131	20.0	20.3	19.2
015	24.0	15.6	15.4	04/29	12:58	074	21.0	14.1	12.2	04/29	18:15	132	20.0	20.3	19.2
016	24.0	15.6	15.4	04/29	12:58	075	21.0	14.1	12.2	04/29	18:15	133	20.0	20.3	19.2
017	24.0	15.6	15.4	04/29	12:58	076	21.0	14.1	12.2	04/29	18:15	134	20.0	20.3	19.2
018	24.0	15.6	15.4	04/29	12:58	077	21.0	14.1	12.2	04/29	18:15	135	20.0	20.3	19.2
019	24.0	15.6	15.4	04/29	12:58	078	21.0	14.1	12.2	04/29	18:15	136	20.0	20.3	19.2
020	24.0	15.6	15.4	04/29	12:58	079	21.0	14.1	12.2	04/29	18:15	137	20.0	20.3	19.2
021	24.0	15.6	15.4	04/29	12:58	080	21.0	14.1	12.2	04/29	18:15	138	20.0	20.3	19.2
022	24.0	15.6	15.4	04/29	12:58	081	21.0	14.1	12.2	04/29	18:15	139	20.0	20.3	19.2
023	24.0	15.6	15.4	04/29	12:58	082	21.0	14.1	12.2	04/29	18:15	140	20.0	20.3	19.2
024	24.0	15.6	15.4	04/29	12:58	083	21.0	14.1	12.2	04/29	18:15	141	20.0	20.3	19.2
025	24.0	15.6	15.4	04/29	12:58	084	21.0	14.1	12.2	04/29	18:15	142	20.0	20.3	19.2
026	24.0	15.6	15.4	04/29	12:58	085	21.0	14.1	12.2	04/29	18:15	143	20.0	20.3	19.2
027	24.0	15.6	15.4	04/29	12:58	086	21.0	14.1	12.2	04/29	18:15	144	20.0	20.3	19.2
028	24.0	15.6	15.4	04/29	12:58	087	21.0	14.1	12.2	04/29	18:15	145	20.0	20.3	19.2
029	24.0	15.6	15.4	04/29	12:58	088	21.0	14.1	12.2	04/29	18:15	146	20.0	20.3	19.2
030	24.0	15.6	15.4	04/29	12:58	089	21.0	14.1	12.2	04/29	18:15	147	20.0	20.3	19.2
031	24.0	15.6	15.4	04/29	12:58	090	21.0	14.1	12.2	04/29	18:15	148	20.0	20.3	19.2
032	24.0	15.6	15.4	04/29	12:58	091	21.0	14.1	12.2	04/29	18:15	149	20.0	20.3	19.2
033	24.0	15.6	15.4	04/29	12:58	092	21.0	14.1	12.2	04/29	18:15	150	20.0	20.3	19.2
034	24.0	15.6	15.4	04/29	12:58	093	21.0	14.1	12.2	04/29	18:15	151	20.0	20.3	19.2
035	24.0	15.6	15.4	04/29	12:58	094	21.0	14.1	12.2	04/29	18:15	152	20.0	20.3	19.2
036	24.0	15.6	15.4	04/29	12:58	095	21.0	14.1	12.2	04/29	18:15	153	20.0	20.3	19.2
037	24.0	15.6	15.4	04/29	12:58	096	21.0	14.1	12.2	04/29	18:15	154	20.0	20.3	19.2
038	24.0	15.6	15.4	04/29	12:58	097	21.0	14.1	12.2	04/29	18:15	155	20.0	20.3	19.2
039	24.0	15.6	15.4	04/29	12:58	098	21.0	14.1	12.2	04/29	18:15	156	20.0	20.3	19.2
040	24.0	15.6	15.4	04/29	12:58	099	21.0	14.1	12.2	04/29	18:15	157	20.0	20.3	19.2
041	24.0	15.6	15.4	04/29	12:58	100	21.0	14.1	12.2	04/29	18:15	158	20.0	20.3	19.2
042	24.0	15.6	15.4	04/29	12:58	101	21.0	14.1	12.2	04/29	18:15	159	20.0	20.3	19.2
043	24.0	15.6	15.4	04/29	12:58	102	21.0	14.1	12.2	04/29	18:15	160	20.0	20.3	19.2
044	24.0	15.6	15.4	04/29	12:58	103	21.0	14.1	12.2	04/29	18:15	161	20.0	20.3	19.2
045	24.0	15.6	15.4	04/29	12:58	104	21.0	14.1	12.2	04/29	18:15	162	20.0	20.3	19.2
046	24.0	15.6	15.4	04/29	12:58	105	21.0	14.1	12.2	04/29	18:15	163	20.0	20.3	19.2
047	24.0	15.6	15.4	04/29	12:58	106	21.0	14.1	12.2	04/29	18:15	164	20.0	20.3	19.2
048	24.0	15.6	15.4	04/29	12:58	107	21.0	14.1	12.2	04/29	18:15	165	20.0	20.3	19.2
049	24.0	15.6	15.4	04/29	12:58	108	21.0	14.1	12.2	04/29	18:15	166	20.0	20.3	19.2
050	24.0	15.6	15.4	04/29	12:58	109	21.0	14.1	12.2	04/29	18:15	167	20.0	20.3	19.2
051	24.0	15.6	15.4	04/29	12:58	110	21.0	14.1	12.2	04/29	18:15	168	20.0	20.3	19.2
052	24.0	15.6	15.4	04/29	12:58	111	21.0	14.1	12.2	04/29	18:15	169	20.0	20.3	19.2
053	24.0	15.6	15.4	04/29	12:58	112	21.0	14.1	12.2	04/29	18:15	170	20.0	20.3	19.2
054	24.0	15.6	15.4	04/29	12:58	113	21.0	14.1	12.2	04/29	18:15	171	20.0	20.3	19.2
055	24.0	15.6	15.4	04/29	12:58	114	21.0	14.1	12.2	04/29	18:15	172	20.0	20.3	19.2
056	24.0	15.6	15.4	04/29	12:58	115	21.0	14.1	12.2	04/29	18:15	173	20.0	20.3	19.2
057	24.0	15.6	15.4	04/29	12:58	116	21.0	14.1	12.2	04/29	18:15	174	20.0	20.3	19.2
058	24.0	15.6	15.4	04/29	12:58	117	21.0	14.1	12.2	04/29	18:15	175	20.0	20.3	19.2
059	24.0	15.6	15.4	04/29	12:58	118	21.0	14.1	12.2	04/29	18:15	176	20.0	20.3	19.2

JUNE 1979

TELEPERATURE			TELEPERATURE			TELEPERATURE			TELEPERATURE									
No.	COLLECTION DATE TIME	AIR	TOP	MID	BOI	No.	COLLECTION DATE TIME	AIR	TOP	MID	BOI	No.	COLLECTION DATE TIME	AIR	TOP	MID	BOI	
001	06/09 09:05	25.0	0	25.8	22.7	055	06/11 00:00	0	29.6	26.3	23.9	111	06/09 04:00	0	21.2	20.0	16.9	
002	06/09 09:15	24.0	0	24.2	21.7	056	06/11 17:05	0	23.7	21.4	20.1	112	06/09 15:51	0	22.8	20.0	16.7	
003	06/09 09:40	26.0	0	25.4	24.2	057	06/11 12:01	13.0	18.0	17.2	15.4	113	06/09 10:02	0	22.7	19.4	17.0	
006	06/10 14:02	0	0	22.1	22.1	058	06/11 12:45	34.0	24.9	24.8	21.9	115	06/10 15:50	17.2	25.9	24.3	19.4	
007	06/10 14:10	0	0	24.6	20.7	059	06/11 12:50	23.0	24.2	20.0	20.2	116	06/10 16:14	0	25.6	24.3	18.4	
008	06/10 14:19	0	0	20.5	20.5	061	06/11 08:10	36.7	29.6	30.0	30.1	117	06/10 16:37	0	21.7	21.3	21.2	
009	06/10 15:00	34.0	0	22.5	19.5	062	06/11 13:54	20.9	20.9	19.9	17.6	118	06/10 16:55	0	26.1	24.3	21.2	
010	06/10 15:00	34.0	0	24.0	20.5	063	06/11 14:51	16.7	23.9	22.9	20.3	119	06/10 16:47	0	26.5	20.1	22.0	
011	06/10 15:15	34.0	0	24.0	21.7	064	06/11 10:38	0	23.0	19.0	17.0	120	06/11 07:35	0	27.4	20.0	22.0	
012	06/10 15:15	34.0	0	24.1	20.8	065	06/11 10:45	34.0	0	0	17.5	121	06/11 12:00	0	26.4	24.8	21.2	
013	06/10 15:20	34.0	0	24.0	21.7	066	06/11 16:15	34.0	0	0	16.4	122	06/11 12:07	0	27.1	23.2	21.2	
014	06/10 15:25	35.0	0	24.2	21.7	067	06/11 16:10	0	0	0	22.4	124	06/11 12:15	0	26.4	25.1	22.5	
015	06/10 15:25	35.0	0	24.2	21.7	070	06/11 17:03	26.2	24.9	21.8	21.4	125	06/11 12:19	0	26.6	24.9	22.5	
016	06/10 15:30	34.0	0	24.3	21.8	071	06/11 16:55	26.1	24.6	21.8	21.1	126	06/11 10:41	0	26.4	24.9	22.5	
017	06/10 15:45	34.0	0	24.3	21.8	072	06/11 16:42	0	32.9	24.6	21.5	127	06/11 14:42	0	27.2	24.1	22.8	
018	06/10 15:40	34.0	0	24.6	18.9	073	06/11 16:35	0	0	0	21.0	129	06/11 15:49	0	19.9	16.2	14.5	
019	06/10 15:50	34.0	0	24.9	18.0	074	06/11 16:15	0	0	0	24.4	130	06/11 16:12	0	24.9	21.1	21.1	
020	06/10 16:00	34.0	0	24.8	21.8	075	06/11 16:15	0	0	26.7	27.2	131	06/11 13:13	0	27.0	24.4	21.1	
021	06/10 16:00	0	0	24.8	21.8	076	06/11 10:00	0	0	21.7	17.5	132	06/11 13:26	36.0	29.8	25.0	20.9	
022	06/10 16:06	0	0	26.6	23.0	077	06/11 10:09	0	23.2	21.2	17.5	134	06/11 13:30	0	20.0	25.0	22.6	
023	06/10 16:06	0	0	25.4	23.0	078	06/11 10:25	0	0	21.2	18.8	135	06/11 13:44	0	23.8	20.0	18.0	
024	06/10 16:12	0	0	26.3	23.2	079	06/11 10:38	0	0	21.0	17.4	140	06/11 13:38	0	23.7	24.5	21.9	
025	06/10 16:12	0	0	26.3	23.2	080	06/11 10:48	0	0	21.6	20.4	142	06/11 12:30	0	26.5	24.5	21.9	
026	06/10 16:00	0	0	26.3	23.1	081	06/11 10:55	0	0	26.0	20.5	143	06/11 14:22	0	28.5	27.9	25.9	
027	06/10 16:00	0	0	26.3	23.1	082	06/11 11:24	0	0	31.2	30.8	144	06/11 15:00	0	29.9	24.8	22.8	
028	06/10 16:45	0	0	26.2	23.2	084	06/11 11:45	0	0	31.0	30.5	146	06/11 09:40	26.0	24.8	25.3	22.8	
029	06/10 16:50	0	0	26.2	23.2	085	06/11 11:58	0	0	30.4	29.4	148	06/11 10:50	25.0	24.3	25.3	22.8	
030	06/10 16:50	0	0	26.2	23.2	086	06/11 12:09	0	0	28.1	27.7	149	06/11 10:20	28.0	26.0	29.9	24.4	
031	06/10 16:50	0	0	25.4	23.2	087	06/11 11:54	0	0	30.4	29.4	150	06/11 13:00	33.0	24.0	24.0	22.8	
032	06/10 16:50	0	0	25.4	23.2	088	06/11 12:04	0	0	28.1	26.1	151	06/11 13:53	0	24.7	24.3	21.4	
033	06/10 16:50	0	0	25.4	23.2	089	06/11 12:04	0	0	28.1	26.1	152	06/11 12:22	0	24.3	23.5	21.4	
034	06/10 16:50	0	0	25.4	23.2	090	06/11 11:03	0	0	25.0	24.7	153	06/11 13:15	0	27.3	25.6	23.4	
035	06/10 16:50	0	0	25.4	23.2	091	06/11 11:14	0	0	27.8	27.2	154	06/11 13:23	0	27.3	25.6	23.4	
036	06/10 16:50	0	0	25.4	23.2	092	06/11 11:21	27.8	0	0	27.2	155	06/11 13:23	0	27.3	25.6	23.4	
037	06/09 09:30	30.0	0	31.1	26.1	093	06/11 09:33	0	0	24.9	21.2	157	06/11 09:50	0	25.0	24.6	21.9	
038	06/10 10:30	32.0	0	31.0	26.1	094	06/11 00:00	0	0	26.1	21.2	158	06/11 10:50	0	26.2	25.4	22.4	
040	06/10 10:35	32.0	0	31.0	26.1	095	06/11 12:46	0	0	26.2	21.2	163	06/11 17:27	0	30.5	27.4	26.7	
041	06/10 10:40	32.0	0	31.0	26.1	096	06/11 13:06	0	0	24.4	21.9	165	06/11 18:00	0	34.1	26.0	23.8	
043	06/10 10:45	32.0	0	31.0	26.1	097	06/11 13:15	35.0	0	26.7	26.1	166	06/11 16:45	0	29.6	24.0	21.8	
044	06/10 10:50	32.0	0	31.0	26.1	098	06/11 13:24	0	0	26.7	26.1	168	06/11 12:27	0	26.7	24.2	22.2	
045	06/10 11:05	32.0	0	31.0	26.1	099	06/11 13:35	0	0	26.7	26.1	169	06/11 14:40	35.0	26.7	24.2	22.2	
046	06/10 11:11	32.0	0	31.0	26.1	100	06/11 13:45	0	0	24.1	20.0	170	06/11 14:50	0	26.7	24.2	22.2	
047	06/10 11:20	33.0	0	32.0	27.2	101	06/11 14:01	31.7	0	23.9	19.8	171	06/11 10:11	0	24.6	24.0	21.4	
048	06/10 11:20	33.0	0	32.0	27.2	102	06/11 14:13	0	0	24.8	20.5	172	06/11 10:28	0	24.6	24.0	21.4	
051	06/10 12:10	33.0	0	32.0	27.2	103	06/11 14:19	0	0	26.2	23.3	177	06/11 13:40	29.4	27.3	24.8	21.8	
052	06/10 12:20	33.0	0	32.0	27.2	104	06/11 14:28	0	0	24.0	20.8	180	06/11 10:50	0	24.0	24.0	21.8	
053	06/11 15:20	0	0	23.9	19.0	105	06/11 14:34	0	0	24.0	20.8	184	06/11 11:40	35.0	23.8	23.2	21.0	
054	06/11 15:11	0	0	23.9	19.0	106	06/11 14:42	0	0	21.1	19.2	185	06/11 11:45	35.0	23.6	23.2	21.0	
						107	06/11 15:11	0	0	16.7	16.6	186	06/11 11:28	0	23.2	20.9	18.9	
						108	06/11 15:20	35.3	0	0	21.6	18.9	187	06/11 11:33	0	28.2	27.1	24.5
						110	06/11 15:28	0	0	0	0	0						

No.	COLLECTION		TEMPERATURE			COLLECTION			TEMPERATURE		
	DATE	TIME	AIR	TOP	BOT	DATE	TIME	AIR	TOP	BOT	
188	06/11	11:40	0	0	0	06/11	10:40	29.0	26.6	22.0	
189	06/11	11:50	0	27.8	25.6	06/11	10:40	29.0	26.6	22.0	
190	06/11	12:15	0	28.1	25.5	06/10	09:10	25.6	26.6	24.4	
191	06/11	12:20	0	27.1	25.5	06/10	09:27	25.6	26.6	24.3	
192	06/11	12:29	0	29.2	26.0	06/10	09:49	25.6	26.6	21.8	
193	06/11	12:37	0	35.8	25.7						
194	06/11	11:12	0	32.5	26.1						
195	06/10	11:12	0	26.8	25.2						
196	06/11	10:55	0	24.8	25.4						
197	06/11	10:55	0	26.5	21.7						
200	06/09	11:31	0	0	20.8						
201	06/10	11:46	24.0	0	20.8						
202	06/09	09:40	0	0	0						
203	06/11	09:40	24.0	0	0						
204	06/11	09:59	0	0	0						
205	06/09	09:47	0	17.9	17.8						
206	06/11	10:35	27.0	0	23.8						
207	06/11	10:23	0	0	23.9						
208	06/09	10:37	0	23.8	22.9						
209	06/09	10:37	0	25.0	22.9						
210	06/11	09:50	27.0	0	24.2						
211	06/11	09:58	25.0	0	24.2						
212	06/11	11:07	0	24.2	24.2						
213	06/09	11:07	0	24.4	24.5						
214	06/09	11:07	0	24.4	24.5						
215	06/09	12:12	0	24.4	24.5						
216	06/09	12:12	0	24.4	24.5						
217	06/11	10:05	0	24.9	24.8						
218	06/11	10:05	0	24.9	24.8						
219	06/09	17:35	0	24.6	20.0						
220	06/09	17:35	0	21.6	20.0						
221	06/10	08:56	0	20.8	20.4						
222	06/10	08:56	0	20.8	20.4						
223	06/10	08:56	0	20.8	20.6						
224	06/10	08:56	0	20.8	20.6						
225	06/10	08:56	0	20.8	20.6						
226	06/10	09:02	0	20.5	20.9						
227	06/11	10:15	0	27.5	26.9						
228	06/11	10:07	0	28.1	26.9						
229	06/11	09:37	0	31.1	31.8						
230	06/11	09:05	0	31.6	30.4						
231	06/11	09:00	0	30.2	30.4						
232	06/11	09:20	0	30.0	27.0						
233	06/09	11:11	15.0	28.0	22.2						
234	06/09	11:15	15.0	28.0	22.2						
235	06/09	11:15	15.0	28.0	22.2						
236	06/09	11:20	28.0	0	25.4						
237	06/09	10:55	51	0	26.9						
238	06/09	10:50	51	0	24.8						
239	06/09	05:26	0	26.1	24.8						
240	06/09	15:10	0	23.5	20.8						
241	06/09	15:13	0	23.5	20.8						
242	06/09	14:23	0	23.5	20.8						
243	06/09	14:31	0	30.2	24.4						
244	06/09	13:36	24.0	0	24.8						
245	06/11	09:35	27.0	0	26.4						
246	06/11	10:20	27.0	0	26.4						



No.	COLLECTION DATE TIME	T E M P E R A T U R E		
		AIR	Top	Mid Bot
248	07/11 15:00	33.0	0	27.4
249	07/11 15:30	35.0	0	29.9
250	07/11 15:50	35.0	0	29.7
251	07/09 10:27	30.0	29.0	29.0
252	07/09 14:32	37.2	38.8	29.0
253	07/09 13:14	35.6	31.8	26.9

No.	COLLECTION DATE TIME	T E M P E R A T U R E			T E M P E R A T U R E		
		AIR	Top	Mid Bot	AIR	Top	Mid Bot
166	07/10 09:35	26.0	0	30.6	29.3	29.3	29.3
168	07/10 13:00	29.0	0	28.9	24.8	24.8	24.8
169	07/10 14:30	30.0	0	29.0	20.0	20.0	20.0
170	07/10 15:20	28.0	0	31.7	28.3	28.3	28.3
171	07/10 16:40	30.0	0	29.4	27.9	27.9	27.9
172	07/10 17:20	30.0	0	31.2	26.1	26.1	26.1
173	07/10 17:50	27.0	29.2	28.8	28.2	28.2	28.2
176	07/10 18:20	27.0	0	29.6	25.3	25.3	25.3
180	07/09 16:30	27.0	0	31.7	25.5	25.5	25.5
181	07/09 16:45	29.0	0	29.0	28.8	28.8	28.8
184	07/09 15:00	29.0	0	29.0	24.6	24.6	24.6
185	07/09 15:00	29.0	0	30.1	27.8	27.8	27.8
186	07/09 14:00	29.0	0	29.8	27.9	27.9	27.9
187	07/09 14:00	29.0	0	29.6	27.1	27.1	27.1
188	07/09 14:00	29.0	0	29.2	26.3	26.3	26.3
189	07/09 14:15	29.0	0	29.3	26.6	26.6	26.6
190	07/09 14:15	29.0	0	29.2	26.3	26.3	26.3
191	07/09 14:15	29.0	0	28.6	26.3	26.3	26.3
195	07/09 13:00	29.0	0	29.1	26.3	26.3	26.3
200	07/11 13:32	35.0	0	31.0	27.7	27.7	27.7
201	07/11 13:32	35.0	0	32.2	27.0	27.0	27.0
203	07/11 13:30	35.0	0	32.0	27.0	27.0	27.0
204	07/11 13:30	35.0	0	32.0	27.0	27.0	27.0
206	07/11 16:00	35.0	0	32.4	27.5	27.5	27.5
207	07/11 13:45	35.0	0	32.7	26.2	26.2	26.2
208	07/11 13:20	35.0	0	32.4	26.5	26.5	26.5
209	07/11 16:10	35.0	0	32.5	26.8	26.8	26.8
210	07/11 16:10	35.0	0	32.5	26.8	26.8	26.8
211	07/11 13:45	35.0	0	32.9	27.2	27.2	27.2
212	07/11 13:40	35.0	0	32.9	27.2	27.2	27.2
214	07/11 14:30	33.0	0	32.8	27.4	27.4	27.4
215	07/11 14:35	33.0	0	32.8	27.4	27.4	27.4
216	07/11 14:35	33.0	0	32.8	27.4	27.4	27.4
219	07/11 10:35	31.1	13.3	31.1	26.0	26.0	26.0
220	07/11 10:40	31.7	26.3	31.7	26.0	26.0	26.0
221	07/11 10:46	32.2	26.3	32.2	26.0	26.0	26.0
222	07/11 10:51	28.9	26.3	28.9	26.0	26.0	26.0
223	07/11 10:57	31.1	28.1	31.1	26.0	26.0	26.0
224	07/11 11:03	31.1	28.1	31.1	26.0	26.0	26.0
225	07/11 11:09	30.6	28.1	30.6	26.0	26.0	26.0
230	07/09 11:05	38.0	0	35.3	35.4	35.4	35.4
232	07/09 11:25	38.0	0	35.3	35.4	35.4	35.4
233	07/09 11:00	38.0	0	35.3	35.4	35.4	35.4
236	07/09 11:05	38.0	0	35.3	35.4	35.4	35.4
238	07/09 10:20	33.0	13.8	33.0	28.5	28.5	28.5
239	07/11 11:44	33.9	29.2	33.9	28.6	28.6	28.6
240	07/11 11:52	33.9	29.2	33.9	28.6	28.6	28.6
243	07/11 11:55	33.9	29.2	33.9	28.6	28.6	28.6
244	07/11 16:00	33.9	29.2	33.9	28.6	28.6	28.6
245	07/11 15:29	33.9	29.2	33.9	28.6	28.6	28.6
246	07/11 15:57	34.4	38.0	34.4	28.6	28.6	28.6
247	07/10 16:10	28.0	30.0	28.0	27.4	27.4	27.4

AUGUST 1979

No.	COLLECTION DATE TIME	TEMPERATURE			COLLECTION DATE TIME	No.	TEMPERATURE			COLLECTION DATE TIME	No.	TEMPERATURE				
		AIR	TOP	BOT			AIR	TOP	BOT			AIR	TOP	BOT		
001	08/09	09:05	26.0	0	29.4	28.7	26.1	50.0	08/11	119	08/11	15:20	30.0	4.3	29.9	26.1
002	08/09	09:00	26.0	0	29.6	27.7	27.0	28.9	08/11	120	08/11	17:37	28.9	4.3	29.9	26.8
003	08/09	09:15	26.0	0	31.2	29.3	27.0	27.2	08/11	121	08/11	17:41	27.2	32.1	29.9	26.7
005	08/11	16:20	33.0	0	28.0	26.0	25.0	26.1	08/11	122	08/11	17:50	26.1	33.6	31.9	28.3
006	08/11	14:50	33.0	0	27.8	25.5	24.3	25.6	08/11	123	08/11	18:02	25.6	35.0	32.7	28.3
007	08/11	15:05	33.0	0	27.5	25.9	24.3	25.6	08/09	124	08/09	18:15	25.6	35.0	29.0	26.9
008	08/11	15:05	33.0	0	27.1	25.1	24.0	24.4	08/09	125	08/09	18:22	24.4	31.8	29.7	29.0
009	08/11	15:10	33.0	0	28.2	25.0	24.0	25.6	08/12	126	08/12	18:22	24.0	31.8	31.6	29.0
010	08/11	15:15	33.0	0	28.1	25.0	24.0	25.6	08/12	127	08/12	18:22	24.0	31.8	31.6	29.0
011	08/11	15:19	33.0	0	28.1	25.0	24.0	25.6	08/12	128	08/12	18:22	24.0	31.8	31.6	29.0
012	08/11	15:25	33.0	0	29.3	25.8	24.5	25.9	08/15	129	08/15	18:28	25.9	32.0	25.2	22.1
013	08/11	15:30	33.0	0	29.5	25.8	24.5	25.9	08/15	130	08/15	18:28	25.9	32.0	25.2	22.1
014	08/11	15:35	33.0	0	29.5	25.8	24.5	25.9	08/15	131	08/15	18:28	25.9	32.0	25.2	22.1
015	08/11	15:40	33.0	0	29.5	25.8	24.5	25.9	08/15	132	08/15	18:28	25.9	32.0	25.2	22.1
016	08/11	15:45	33.0	0	29.5	25.8	24.5	25.9	08/15	133	08/15	18:28	25.9	32.0	25.2	22.1
017	08/11	15:50	33.0	0	29.5	25.8	24.5	25.9	08/15	134	08/15	18:28	25.9	32.0	25.2	22.1
018	08/11	15:50	33.0	0	29.5	25.8	24.5	25.9	08/15	135	08/15	18:28	25.9	32.0	25.2	22.1
019	08/11	15:55	33.0	0	29.5	25.8	24.5	25.9	08/15	136	08/15	18:28	25.9	32.0	25.2	22.1
020	08/11	16:00	33.0	0	29.5	25.8	24.5	25.9	08/15	137	08/15	18:28	25.9	32.0	25.2	22.1
021	08/10	16:25	40.0	0	27.8	24.5	24.5	24.5	08/10	138	08/10	19:06	24.5	28.8	27.9	24.5
022	08/10	16:25	40.0	0	26.8	24.5	24.5	24.5	08/10	139	08/10	19:15	24.5	28.8	27.9	24.5
023	08/10	16:25	40.0	0	29.2	26.8	24.5	24.5	08/10	140	08/10	19:15	24.5	28.8	27.9	24.5
024	08/10	16:00	39.0	0	30.8	28.2	27.0	27.0	08/10	141	08/10	19:15	27.0	31.1	28.4	25.4
025	08/10	15:45	39.0	0	30.8	28.2	27.0	27.0	08/10	142	08/10	19:15	27.0	31.1	28.4	25.4
026	08/10	15:20	39.0	0	30.8	28.2	27.0	27.0	08/10	143	08/10	19:15	27.0	31.1	28.4	25.4
027	08/10	15:20	39.0	0	30.8	28.2	27.0	27.0	08/10	144	08/10	19:15	27.0	31.1	28.4	25.4
028	08/10	14:05	38.0	0	30.2	27.3	27.0	27.0	08/10	145	08/10	19:15	27.0	31.1	28.4	25.4
029	08/10	14:05	38.0	0	30.2	27.3	27.0	27.0	08/10	146	08/10	19:15	27.0	31.1	28.4	25.4
030	08/10	14:05	38.0	0	30.2	27.3	27.0	27.0	08/10	147	08/10	19:15	27.0	31.1	28.4	25.4
031	08/10	14:05	38.0	0	30.2	27.3	27.0	27.0	08/10	148	08/10	19:15	27.0	31.1	28.4	25.4
032	08/10	14:05	38.0	0	30.2	27.3	27.0	27.0	08/10	149	08/10	19:15	27.0	31.1	28.4	25.4
033	08/10	14:05	38.0	0	30.2	27.3	27.0	27.0	08/10	150	08/10	19:15	27.0	31.1	28.4	25.4
034	08/10	13:30	38.0	0	29.9	27.0	27.0	27.0	08/10	151	08/10	19:15	27.0	31.1	28.4	25.4
035	08/09	16:00	37.0	0	29.9	27.0	27.0	27.0	08/10	152	08/10	19:15	27.0	31.1	28.4	25.4
036	08/09	16:00	37.0	0	29.9	27.0	27.0	27.0	08/10	153	08/10	19:15	27.0	31.1	28.4	25.4
037	08/09	09:10	29.0	0	37.5	32.1	29.0	29.0	08/10	154	08/10	19:15	29.0	31.1	28.4	25.4
038	08/09	10:15	29.0	0	41.2	32.1	29.0	29.0	08/10	155	08/10	19:15	29.0	31.1	28.4	25.4
040	08/09	10:30	30.0	0	30.6	29.9	28.0	28.0	08/10	156	08/10	19:15	28.0	30.2	28.5	28.5
041	08/09	11:40	33.0	0	30.6	29.9	28.0	28.0	08/10	157	08/10	19:15	28.0	30.2	28.5	28.5
043	08/09	11:40	33.0	0	28.9	27.8	26.8	26.8	08/10	158	08/10	19:15	26.8	28.9	28.7	26.8
044	08/09	12:00	33.0	0	28.9	27.8	26.8	26.8	08/10	159	08/10	19:15	26.8	28.9	28.7	26.8
045	08/09	12:30	33.0	0	28.9	27.8	26.8	26.8	08/10	160	08/10	19:15	26.8	28.9	28.7	26.8
046	08/09	12:35	33.0	0	28.9	27.8	26.8	26.8	08/10	161	08/10	19:15	26.8	28.9	28.7	26.8
047	08/09	12:45	33.0	0	28.9	27.8	26.8	26.8	08/10	162	08/10	19:15	26.8	28.9	28.7	26.8
048	08/09	13:45	33.0	0	28.9	27.8	26.8	26.8	08/10	163	08/10	19:15	26.8	28.9	28.7	26.8
050	08/09	13:50	33.0	0	28.9	27.8	26.8	26.8	08/10	164	08/10	19:15	26.8	28.9	28.7	26.8
052	08/09	13:50	33.0	0	28.9	27.8	26.8	26.8	08/10	165	08/10	19:15	26.8	28.9	28.7	26.8
053	08/12	12:50	33.0	28.1	27.0	24.4	24.4	24.4	08/10	166	08/10	19:15	24.4	31.4	30.5	29.3
054	08/12	13:00	33.0	28.1	27.0	24.4	24.4	24.4	08/10	167	08/10	19:15	24.4	31.4	30.5	29.3
055	08/12	13:10	33.0	31.5	31.5	29.6	29.6	29.6	08/10	168	08/10	19:15	29.6	31.4	30.5	29.3
056	08/12	13:10	33.0	31.5	31.5	29.6	29.6	29.6	08/10	169	08/10	19:15	29.6	31.4	30.5	29.3

NO.	COLLECTION		TEMPERATURE				
	DATE	TIME	AIR	TOP	MID	BOT	
190	08/09	12:15	35.0	0	30.2	28.0	
191	08/09	12:15	35.0	0	29.9	27.9	
192	08/12	14:56	32.8	2.0	29.0	26.1	
193	08/12	15:04	32.8	31.5	29.1	27.5	
194	08/11	15:00	32.8	31.5	30.6	29.0	
200	08/10	10:10	32.0	0	29.7	25.2	
201	08/10	09:00	29.0	0	26.5	24.0	
203	08/10	09:10	29.0	0	27.3	24.4	
204	08/10	10:30	32.0	0	27.5	27.6	
207	08/10	10:25	32.0	0	28.1	27.8	
208	08/10	10:50	32.0	0	28.0	27.1	
209	08/10	10:50	32.0	0	28.7	27.5	
210	08/10	10:50	32.0	0	29.0	28.1	
212	08/10	09:15	30.0	0	28.5	26.5	
214	08/10	09:30	31.0	0	29.5	26.5	
215	08/10	09:45	31.0	0	29.5	27.5	
216	08/10	09:45	31.0	0	28.5	26.5	
218	08/12	13:43	33.9	0	30.0	28.5	
219	08/11	13:10	33.0	0	29.2	27.0	
220	08/11	13:05	33.0	0	27.2	24.5	
221	08/11	13:00	33.0	0	29.0	27.5	
222	08/11	12:55	33.0	0	29.4	27.5	
223	08/11	12:50	33.0	0	29.8	26.1	
224	08/11	12:40	33.0	0	27.9	25.9	
225	08/11	12:40	33.0	0	31.4	29.9	
230	08/09	10:35	30.0	0	32.2	32.0	
235	08/09	10:15	30.0	0	26.5	23.4	
236	08/09	10:20	30.0	0	31.5	28.8	
237	08/09	09:20	26.0	0	30.1	29.9	
238	08/09	09:20	26.0	0	27.9	27.0	
239	08/11	10:15	32.0	0	30.1	29.9	
240	08/11	10:05	32.0	0	26.8	25.3	
243	08/11	09:35	30.0	0	29.8	27.9	
245	08/11	11:40	33.0	0	28.9	28.0	
247	08/10	14:10	38.0	0	31.6	28.5	
248	08/10	08:50	29.0	0	27.6	25.5	
249	08/10	10:20	32.0	0	29.7	27.5	
250	08/10	10:40	33.0	0	29.7	26.1	
251	08/09	09:42	27.8	32.1	32.2	29.4	
252	08/09	09:57	27.8	30.4	31.8	29.4	
253	08/09	10:14	28.3	30.4	30.1	27.7	





NO.	COLLECTION		TEMPERATURE				
	DATE	TIME	AIR	TOP	MID	BOT	
180	09/15	10:20	24.0	.0	25.9	25.0	
184	09/15	08:45	22.0	.0	24.0	25.5	
185	09/15	09:10	24.0	.0	28.7	24.9	
186	09/14	14:54	31.7	31.7	29.1	28.4	
187	09/14	14:52	31.7	31.7	27.6	26.5	
188	09/14	15:53	31.7	31.7	27.7	25.9	
189	09/14	16:01	31.7	31.7	27.3	25.9	
190	09/14	15:35	32.2	30.5	27.2	26.2	
191	09/14	15:31	32.2	29.0	27.0	26.7	
192	09/14	15:08	32.2	28.5	25.8	26.1	
194	09/14	15:24	32.2	31.1	25.2	23.9	
200	09/16	14:55	36.0	.0	33.4	33.4	
201	09/16	13:35	34.0	.0	33.4	33.4	
203	09/16	13:45	34.0	.0	33.4	33.4	
204	09/16	13:45	34.0	.0	33.4	33.4	
207	09/16	15:10	37.0	.0	34.9	33.8	
208	09/16	15:10	37.0	.0	34.2	33.8	
209	09/16	15:40	36.0	.0	34.3	34.9	
210	09/16	15:40	36.0	.0	34.5	36.0	
212	09/16	13:50	36.0	.0	34.5	34.9	
214	09/16	14:10	36.0	.0	35.1	34.8	
215	09/16	14:40	37.0	.0	36.4	37.2	
216	09/16	14:40	37.0	.0	36.4	36.8	
219	09/16	09:50	28.0	.0	26.3	25.6	
220	09/16	09:55	28.0	.0	25.3	25.2	
221	09/16	10:00	28.0	.0	25.3	25.2	
222	09/16	10:05	28.0	.0	25.3	25.2	
223	09/16	10:10	28.0	.0	25.3	25.2	
224	09/16	10:15	29.0	.0	25.8	25.8	
225	09/16	10:15	29.0	.0	25.8	25.8	
230	09/14	17:00	35.0	.0	33.3	33.3	
231	09/14	16:15	34.0	.0	33.3	33.3	
232	09/14	16:15	34.0	.0	33.3	33.3	
235	09/14	15:45	33.0	.0	32.0	32.0	
236	09/14	15:50	33.0	.0	32.0	32.0	
237	09/14	15:00	33.0	.0	32.0	32.0	
238	09/14	15:10	33.0	.0	32.0	32.0	
239	09/16	10:25	31.0	.0	27.9	27.1	
240	09/16	10:30	32.0	.0	27.9	26.6	
241	09/16	10:35	32.0	.0	27.9	26.4	
242	09/16	10:35	31.0	.0	26.1	25.8	
243	09/16	11:05	31.0	.0	26.1	25.8	
247	09/16	13:30	34.0	.0	32.9	32.9	
248	09/16	13:30	34.0	.0	32.9	32.9	
249	09/16	15:30	36.0	.0	34.9	34.8	
250	09/16	15:30	37.0	.0	35.2	34.8	
251	09/15	13:58	28.3	27.2	25.7	25.5	
252	09/15	13:16	28.3	26.3	24.7	24.6	
253	09/15	13:47	30.6	26.3	24.4	24.2	