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Bullard, 1986

UNITED STATES GOVERNMENT

memorandum

DATE: January 31, 1986

REPLY TO ATTN OF: Kenneth L. Bullard

SUBJECT: Nevada Test Site - U.S. Department of Energy, Nevada Nuclear Waste Storage Investigation, PMF Study

TO: Head, Flood Section

I. Authority

For a number of years the USGS (U.S. Geological Survey) has been supporting the NNWSI (Nevada Nuclear Waste Storage Investigation) of the DOE (U.S. Department of Energy). Recently, technical and staff demands of the investigation have expanded beyond the ability of USGS to meet them within their program capability. Discussions among DOE including their Nevada Project Office, USGS, and USBR (U.S. Bureau of Reclamation) resulted in the acceptance of USBR technical and staff support to USGS to benefit the performance on the NNWSI site investigation. Proposals were prepared by USBR in August 1985, and supplemented in December 1985, then submitted to DOE covering general areas of work to be performed by USBR [1].* In addition, a MOU (Memorandum of Understanding) was initiated between USGS and USBR to define the roles and responsibilities required to perform the necessary work associated with the NNWSI. This study was prepared to meet the PMF (probable maximum flood) study requirements outlined in USBR's proposal to DOE and MOU.

II. Study Site Description

The site of concern is located in southern Nevada approximately 120 miles northwest of Las Vegas. A general location map is presented on Plate 1. The primary purpose of the site is to provide deep underground storage for nuclear waste materials. To support this activity, certain surface facilities are required; including one large building referred to as the central surface facility, one large tuff pile (to dispose of natural materials taken from underground), and several supporting shaft locations. In accordance with the American Nuclear Society Standards ANSI/ANS-2.8-1981 [2], these facilities need to be designed for PMF discharges.

The precise location of the surface facilities is still uncertain, pending the results of several ongoing geologic investigations related to many faults in the area. For purposes of this study, a general site map showing proposed locations of the surface facilities was prepared and provided to USBR by DOE's SNL (Sandia National Laboratories). Locations of these pertinate surface features were traced from the SNL map to enlarged USGS

* Number[illegible] in the reference list.

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OPTIONAL FORM NO. 10
(REV. 1-80)
GSA FPMR (41 CFR) 101-11.6
5010-114

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quadrangle maps, included as Plate 2 and Plate 3 of this report. These maps were then used to draw drainage basin boundaries for the sites being studied. Since the individual drainage basins ranged in size by more than three orders of magnitude (0.01 to 4.31 square miles), two maps at different scales were required to adequately outline all the basins. Eleven individual basins for PMF analysis have been defined. In addition, four combined basins are used to present the results of the study for those facilities which receive flooding from more than one drainage.

The data in Table 1 lists the individual sites studied and assigns a site description code for ease of reference on the maps and tables in the remainder of this report.

III. Previous Flood Studies and Related Data

No published reports related to previous PMF studies on this site are known to exist. The USGS has established a gaging network for both rainfall and runoff in the larger streams. The USGS has also prepared a report on the flood potential of Fortymile Wash and its principle tributaries, in the area of the Nevada Test Site [3], and is in the process of preparing a report covering recent storm and flood events on Coyote Wash, in the area of the exploratory shaft location. Data from all of these sources have been made available for preparation of this study and are presented later in this report.

IV. Basin Characteristics

The surface facilities described are located in the Yucca Mountain region between Fortymile Wash and the western edge of the Nevada Test Site reservation. The channels studied are generally small unnamed tributaries to the larger Drill Hole and Yucca Washes. The prominent topographic feature of interest is Exile Hill located immediately to the west of the proposed Central Surface Facility.

The immediate area is characterized by small, well established drainages, in deep canyons with few plants of any kind except near the channel bottoms. The plants that do exist are small desert varieties of sage and creosote brush, generally 1-to-2 feet high in this area. Channel bottoms are sandy and gravel laden and very steep in the upper reaches. Some of the surface facilities (such as the exploratory shaft) are located in the aluvial areas near the confluence of two tributaries. Other facilities (such as the proposed Men and Materials shaft) are located nearly in the channel bottoms for future ease of access by larger equipment.

The surface of the hillsides in the upper reaches of Coyote Wash and Drill Hole Wash are predominately armored with a thin layer of fractured igneous rocks. These surface rocks are characterized by nearly flat 6-to-12 inch diameter pieces separated by fractures. The near surface soil under the

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rock surface at the base of the hills is a fine sand and silt material. This soil is believed to be a very thin layer over bedrock on the hillsides. During the field inspection on December 2, 1985, the soil under the rock layer near the southern base of Exile Hill was examined. The soils were moist and slick following 2 cloudy and rainy days, which had left 1-to-2 inches of rain in the rain gages nearby. The near surface soils under these conditions appeared to be nearly saturated and formed tight claylike lumps when compressed. The conclusion of this examination was that after saturation of the first few inches, the soil would not allow much additional infiltration, consequently a relatively low constant loss rate should be applied after a fairly large initial loss for PMF computations.

The overall steepness and lack of vegetation in the area led to the conclusion that extremely rapid lag times would be required for PMF computations. The field inspection also confirmed the need to provide a combined PMF hydrograph for the area immediately below the exploratory shaft locations where two branches of Coyote Wash join within yards of the proposed shaft locations. It was also noted that during times of high flows, large quantities of sand, silt and other natural debris could be carried in the steep narrow channels.

V. PMS (Probable Maximum Storm) Study

For this study, PMP (Probable Maximum Precipitation) values were obtained for both a general storm and a local storm (thunderstorm) PMP event. These values were determined from the National Weather Services's HMR 49 (Hydrometerological Report 49) [4]. This report covers the area of concern and represents the current standard of practice for Federal agencies such as USBR and U.S. Army COE (Corps of Engineers) involved in preparing PMF studies in the Colorado River and Great Basin drainages. This report is also specifically referenced in the ANSI Standards [2], as being applicable for nuclear plant and facility PMF designs.

Procedures for obtaining the appropriate PMP values are outlined in the HMR 49 Report. Plates 4 through 16, represent the computations and results of the PMP portion of this study. Because all of the basins studied are small and close together, only one reading of the PMP index maps for each condition is required. The maps used to read index values for PMP computations using HMR 49 are at such a scale that the basins used in this study would be indistinguishable if plotted separately. A central location to all of the basins was then selected for the purpose of obtaining index values from the HMR 49 maps and figures. This location has the following coordinates.

Latitude	36° 52' 30" N.
Longitude	116° 26' 48" W.

For the computation of the general storm PMP, it is necessary to select the month with the largest convergence PMP index value. In most cases, this is

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obvious by quickly reviewing the convergence PMP maps in HMR 49. Plate 9 of this study lists the values obtained for all 12 months and shows the month of September as having the largest convergence PMP values, and consequently the largest total general storm PMP. The local storm PMP is not assigned a particular month or season in the HMR 49 procedure.

Plates 13 to 16 show the depth-duration plots generated in this procedure for the different storm events studied. Two different time units were used for each storm, due to the wide variation in drainage basin sizes. Slight differences in the 1 and 2 minute unit duration curves can be accounted for by differences in a computerized curve fitting routine which takes the HMR 49 data and attempts to fit a smooth curve for the entire storm duration and then computes precipitation values at the smaller unit duration intervals. These differences in the curve fit to the 2-minute data, show up later as a small shoulder on the rising limb of the hydrograph for the basins where the 2-minute unit duration is used. They do not affect the final peak or volume of any of the hydrographs.

The rainfall depths for use in computation of the PMF are read directly from these curves at 1 or 2 minute intervals. This rainfall is then arranged in successive intervals of incremental precipitation and later rearranged into a theoretical design storm sequence (see Section X). Tables 2 to 5 give these intervals of total precipitation and incremental precipitation.

In computing the local storm PMP, a small adjustment is needed to account for reductions in intensity due to drainage area size. Because only one reading of PMP local storm index values was possible and because all the basins are quite small, only one adjustment was made to cover all basins studied. An average basin size of 2 square miles was used for this adjustment. This small size results in percentage adjustments which are also very small and within the range of accuracy for the maps used to determine the PMP index values. The small amount of additional detail which could be gained by plotting all the drainage basin sizes is unwarranted with the limited amount of available data used to draw the adopted curves shown in Plate 12.

Some concern was expressed early in this study as to whether or not HMR 49 values for thunderstorm events were large enough to cover some of the exceptional thunderstorm events that have occurred since the HMR 49 report was first published in September 1977. Of particular interest was a thunderstorm event in 1981, in which 7 inches of precipitation was measured in less than 1 hour near Beatty, Nevada. This was followed by other major flood events in March 1983 and March 1984 [5]. By way of comparison, the 1-hour total precipitation value for the thunderstorm PMP event used in this study is 10.09 inches, which adequately covers the largest of the historic storms in the area of concern. The HMR 49 report will be updated at some future time, and extremely large events such as those in 1981, 1983, and 1984, incorporated to the extent possible. At the present time, HMR 49 represents the most authoritative source of information regarding PMP in the Great Basin area.

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VI. Climatological Change

Disposal of nuclear waste at the Nevada Test Site involves materials which will be potentially dangerous for thousands of years in the future; therefore, some thought as to the effect of climatic change on PMP and PMF estimates is needed for this project. Estimates of PMP are traditionally determined by methods and procedures based on historical meteorological data. It is assumed that previous climate fluctuations effecting such estimates will remain relatively stable into the future, resulting in negligible changes to future calculations of PMP. Recently, several studies have indicated that the earth's atmosphere may be on the verge of a major climatic change. Presently, clear proof of the direction this climatic change will take and, just as important, its consequences on the estimation of extreme rainfall and runoff potential, have not been completely examined [6].

Such studies, if they were to be undertaken, would require several years to complete by competent hydrometeorologists. Until such information becomes available, present projections of PMP will (using HMR 49 for this site) remain the most reliable estimates of extreme rainfall potential for present and future use.

VII. Dimensionless Graphs

The USBR uses a unit hydrograph approach to develop hydrographs from excess precipitation representing PMF conditions. The unit hydrograph is defined as the hydrograph of storm runoff at a given point that will result from an isolated event of rainfall excess occurring within a unit of time and spread in an average pattern over the contributing drainage area [7]. To derive a unit hydrograph, an appropriate dimensionless graph is selected. Dimensionless graphs computed from observed flood events have been computed and successfully applied by USBR and COE for hundreds of locations in the Western United States.

In this area of southern Nevada, few recording stream gages have been in place long enough to provide sufficient information to compute a dimensionless graph. After consultation with the Los Angeles District, COE [8], a dimensionless S-Graph originally developed from flood reconstitutions from New River near Rock Springs, Arizona and New River at New River, Arizona was selected [9]. The COE S-Graph is an alternative form of the USBR dimensionless graph. This S-Graph in its original form is presented on Plate 17. The graph was converted to the dimensionless graph form required for use in the USBR flood hydrology computer program FGRAPH, by doing a numerical differentiation of the S-Graph at 2-percent intervals along the lag axis. The resulting ordinates were then multiplied by 1200 to obtain the correct volume units on the vertical axis. The final form of the Phoenix Mountain dimensionless graph as used in this study, is shown on Plate 18 and in Table 6. This dimensionless graph is believed to be the most appropriate for use in the Nevada Test Site area, based on the relevent experience of flood hydrologists in both USBR and COE.

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VIII. Basin Parameters and Lag Time Computations

For this study, the following lag equation was used:

$$lag = C\left[\frac{L*Lca}{\sqrt{S}}\right]^{0.33}$$

Where L = longest channel length in miles
Lca = longest channel length from the point of collection to a point opposite the area centroid in miles
S = slope of the longest channel in ft/mi
C = a coefficient based on the hydrologic efficiency of the basin

This theoretical lag equation is based on the results of many historic flood observations and flood reconstitutions by USBR and COE. The development of this equation is described in USBR "Unitgraph Procedures" [7], which is in turn referenced in the ANSI Standards [2].

After the sites of interest (Table 1) had been identified and located on appropriate size enlargements of USGS 7-1/2 minute quadrangle maps (Plates 2 and 3), the basin parameters of drainage area, L, Lca and S were determined using digital planimetering equipment available at the USBR Engineering and Research Center. Plates 19 to 29 show the results of this operation for the 11 individual basins identified in this study.

The selection of C values for this study used information gained from previous experience in computing PMF estimates for sites with historic large flows [10]. Two of the largest recorded thunderstorm events in the area of the Nevada Test Site produced were studied. On September 14, 1974, a flood peak of 76,000 ft^3/s was estimated from a 22.8 square mile drainage area in Eldorado Canyon in southern Nevada, and on August 8, 1971, Bronco Creek near Wickieup, Arizona, experienced a flood peak estimated at 73,500 ft^3/s from 19.0 square miles of drainage area. In both of these basins, C values of 0.5 produced PMF peaks only 31 and 26 percent higher than the published historic flood peaks. A C value of 0.5, can typically be used to represent a steep desert foothill basin subject to flash flood conditions during intense thunderstorms. The C value was raised to 0.6 for the general storm condition, based on the assumption that these basins would be some what less efficient at producing rapid runoff during the less intense maximum rainfall increments experienced in the general storm PMP. Table 7 presents a summary of the measured basin parameters and computed lag times for the individual basins of this study.

IX. Retention Rates

Retention rates were selected on the basis of observations made during the field inspection trip of December 2, 1985, and on the basis of recorded

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rainfall and runoff data collected by USGS [5] for a thunderstorm event at the test site on July 17, 1985. Plate 1 shows the locations of eight rain gages in place during that event. Table 8 summarizes the observations made following the event. Although the data is somewhat limited, it does imply that 1-to-2 inches of rainfall is required before any runoff occurs. It also seems to indicate that almost all of the rainfall contributes following the initial losses. To be extremely conservative a constant loss rate of zero could have been selected, but it is common practice in flood hydrology calculations to reserve a zero constant loss rate for unquestionably impervious surfaces such as paved parking lots and rooftops. In this site, some of the rainfall does infiltrate through cracks in the surface material, as was verified during the field inspection following a 2-day period of light to moderate rainfall. A loss rate of 0.05 inches per hour was selected for constant losses and used throughout the remainder of the study. This is an extremely low value and represents the lowest infiltration rate typically applied to natural ground in USBR flood studies.

A sensitivity test was run for the thunderstorm event to test the difference between 1 and 2 inches of initial loss in the basins under consideration. Table 9 lists the results of this sensitivity test. As was anticipated, the volume of the hydrographs all decrease by about 8 percent when the initial loss is increased from 1 to 2 inches. The test also shows negligible or no change at all in the peak values generated by the thunderstorm PMP as the initial loss rate increases from 1 to 2 inches. This also is a reasonable result when the very short lag times are considered. With this result, and the data for the July 19, 1985, storm which shows one instance of slight runoff after nearly 1 inch of precipitation, an initial loss rate of 1 inch was selected for the remaining analysis of the thunderstorm event.

For the general storm event, no initial losses were calculated; however, only the most intense portion of the general storm was used in the calculations. This most intense portion of the general storm (14 hours in the 1-minute unit duration case and 28 hours in the 2-minute case) would follow a period of at least 30 hours in the design storm sequence of light rainfall generally amounting to less than 0.05 inches per hour, but accumulating to nearly 2.0 inches total. This anticedent period was assumed to satisfy whatever initial losses would be required to generate runoff in the general storm situation. The constant loss rate of 0.05 inches per hour was applied to the most intense portion of this storm.

X. Probable Maximum Flood Computations

Using the computed lag times shown in Table 7, unit durations of 1 or 2 minutes for the various basins of Table 1 were calculated using the imperical relationship unit duration $\leq$ Lag / 5.5. This computed unit duration ensures at least five points are generated on the rising limb of the unit hydrograph derived by applying the lag times to the Phoenix Mountain dimensionless graph. Using the appropriate lag times, unit durations, and basin areas, the dimensionless graph was then converted to a unit hydrograph

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for each basin. This unit by hydrograph represents the runoff generated by 1 inch of excess precipitation over the basin in 1 unit of time.

The total precipitation shown in Tables 2 and 3 or Tables 4 and 5 was then rearranged into a design sequence by placing the largest increment of precipitation at the two-thirds point of the total storm duration considered. The remaining increments were then alternated about this point in descending order to produce a design storm sequence for the PMP. This hypothetical storm arrangement complies with HMR 49 which shows the maximum 15 minute incremental distribution for thunderstorms. It is also in general agreement with various COE studies which place the most intense rainfall between 50 and 75 percent of the total storm duration and alternate the remaining increments about the most intense period.

The selected loss rates were then subtracted from the design storm arrangement to produce a sequence of excess rainfall increments. Each of these excess rainfall increments were then applied to the computed unit hydrograph for each basin. The resulting hydrographs for each excess precipitation interval were then summed up to form the final PMF hydrograph for each basin and storm type. No base flow was considered in these small basins.

For those sites which required summing of two or more hydrographs at the confluence of two channels, a simple arithmetic addition of the two previously generated PMF hydrographs was used. No channel routing or laging of hydrographs was deemed necessary because of the very short distances involved. The actual computation for these PMF hydrographs was carried out using the USBR's flood hydrograph computer program FGRAPH.

Table 10 provides a summary of the PMF peaks and volumes produced for the sites involved in this study. Plates 30 to 59 show plots of the PMF's for the different basins and storm conditions. The individual hydrograph values at 1 or 2 minute unit durations are tabulated in Tables 11 through 40.

It is readily apparent that the thunderstorm PMF values are larger and more critical in all cases, and should be used for design purposes in preference to the general storm PMF. This is consistent with previous PMF studies for other USBR projects involving small basins. General storm PMF's usually become critical only in much larger drainage basins.

XI. Envelope Curves

Two sources of data are available to attempt to draw envelope curves of maximum experienced flood events for comparison with the PMF peaks calculated for the Nevada Test Site. First, 12 local gage sites were selected by USGS [3] with peak discharge data generally available from the mid 1960's to about 1980. Table 41 lists the gage stations and provides updated peak flow information obtained through the USGS WATSTOR system. The maximum peak discharges in Table 41 are current as of December 1985. These data are plotted on Plate 60. The second set of peak discharges available for com-

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parison is also presented by the USGS [3]. These values come from earlier publications and represent maximum experienced discharges in the five surrounding states. Table 42 lists these regional data. This information was plotted by the USGS and an envelope curve drawn. This curve was termed "'Boundary' Curve of Regional Maximum Discharges." This regional curve is reproduced on Plate 60. The study by USGS used this "regional maximum" curve to estimate discharges for analysis of potential flow velocities and depths in the Nevada Test Site area. The USGS recognizes the peak flows from this curve are different than the PMF peaks produced by the USBR approach, which is based on the Hydrometerological Report series for determining PMP.

The USBR recognizes the value of such historic information and uses it to check the validity of PMF peak estimates. By plotting the PMF peaks along with the recorded historic information (Plate 60), it can be seen that all of the PMF peaks exceed the regional maximum curve. This exceedance is anticipated and is in full agreement with the ANSI definition of a PMF [2]. Although no rules have been set as to how far above an envelope curve a PMF peak should be, USBR experience has shown acceptable PMF peaks to be 1.2 to 4.0 times above a regional envelope curve. The actual amount of exceedance depends largely on the size of the region used for comparison.

In this study, it is noted that the thunderstorm PMF peaks lie quite close to the "regional maximum discharge curve." This is to be expected since the curve encompasses data from five states. Based on this curve, the thunderstorm PMF peaks produced in this study are judged to be reasonable for the design of the surface facilities intended.

XII. Sediment and Debris Transport

The PMF hydrographs prepared in this study represent clear water flows. The USBR does not commonly include additional sediment and debris with PMF flows. It is recognized in this case that potential sediment and debris loads could represent a substantial portion of the PMF or lesser flows. Additional work by competent hydraulic engineers and sedimentation specialists may be necessary to add to the PMF peaks and volumes presented in this report to account for such sediment or debris flows.

XIII. Frequency Curves

No frequency-discharge information was requested in this study and none are presented. Should such information become necessary, the equation presented by USGS [3] based on a regional analysis of the 12 nearby gage records, appears to represent a reasonable approach for estimating the 100-year discharge in the area. The data which served as a basis for this equation should be updated and revisions to the equation presented made if necessary prior to any design work.

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XIV. Recommendations

The clear water thunderstorm PMF peaks and volumes presented in Table 10 are recommended for the basis of design of flood protection works at the Nevada Nuclear Waste Site facility.

Kenneth L. Bullard

Attachments

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38. Finished Tuff Pile West Drainage - G1 - General Storm PMF

39. Finished Tuff Pile East Drainage - G2 - General Storm PMF

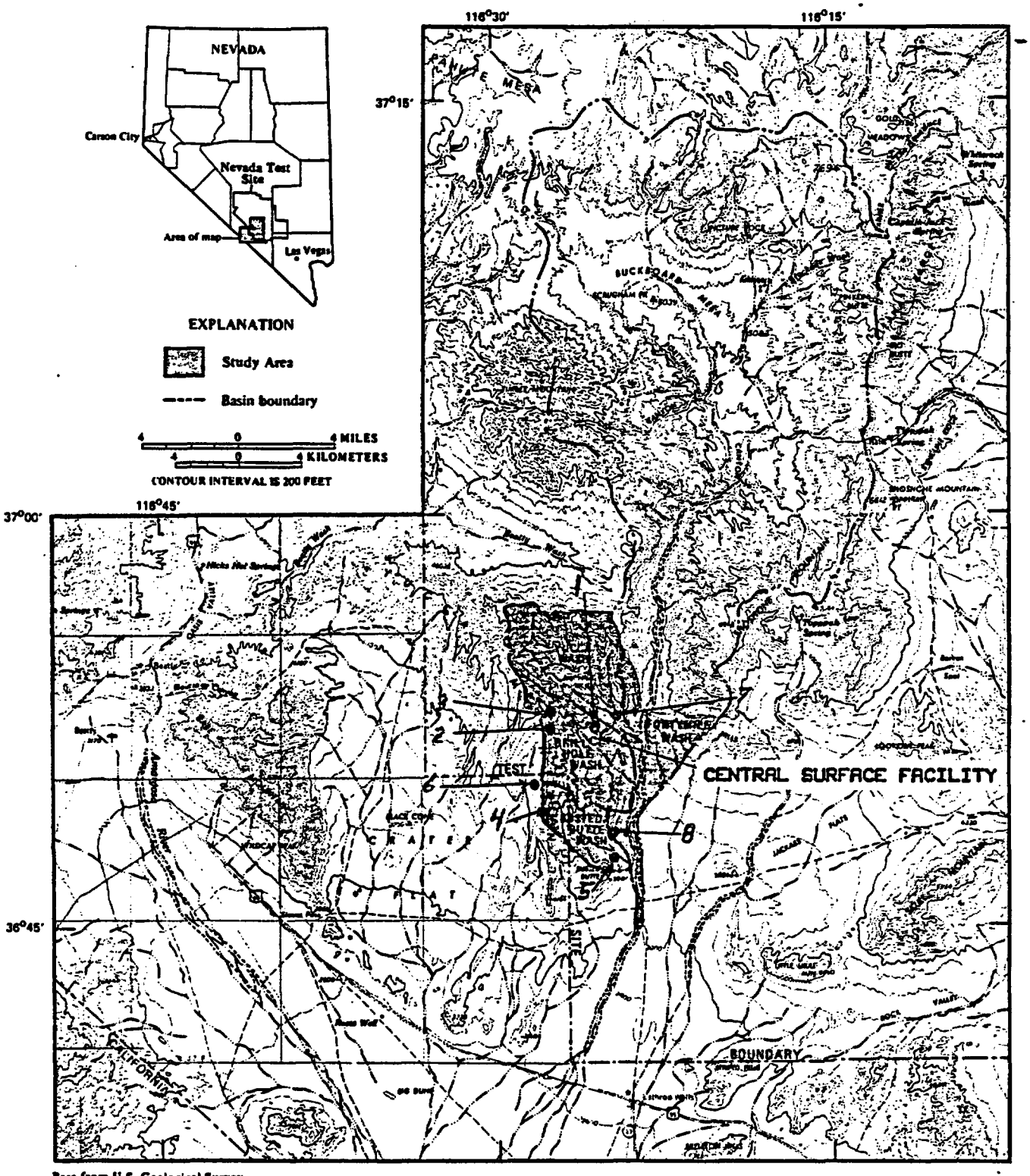
40. Finished Tuff Pile East and West Drainages - G3 - General Storm PMF

41. Peak Flows for Selected Gaging Stations Near the NNWSI

42. Peak Discharge at Seven Selected Sites in Arizona, California, Nevada, New Mexico, and Utah

UNCONTROLLED COPY
INFORMATION ONLY

PLATES



Base from U.S. Geological Survey
Goldfield 1:250,000, 1962, and
Death Valley 1:250,000, 1966

GENERAL LOCATION MAP

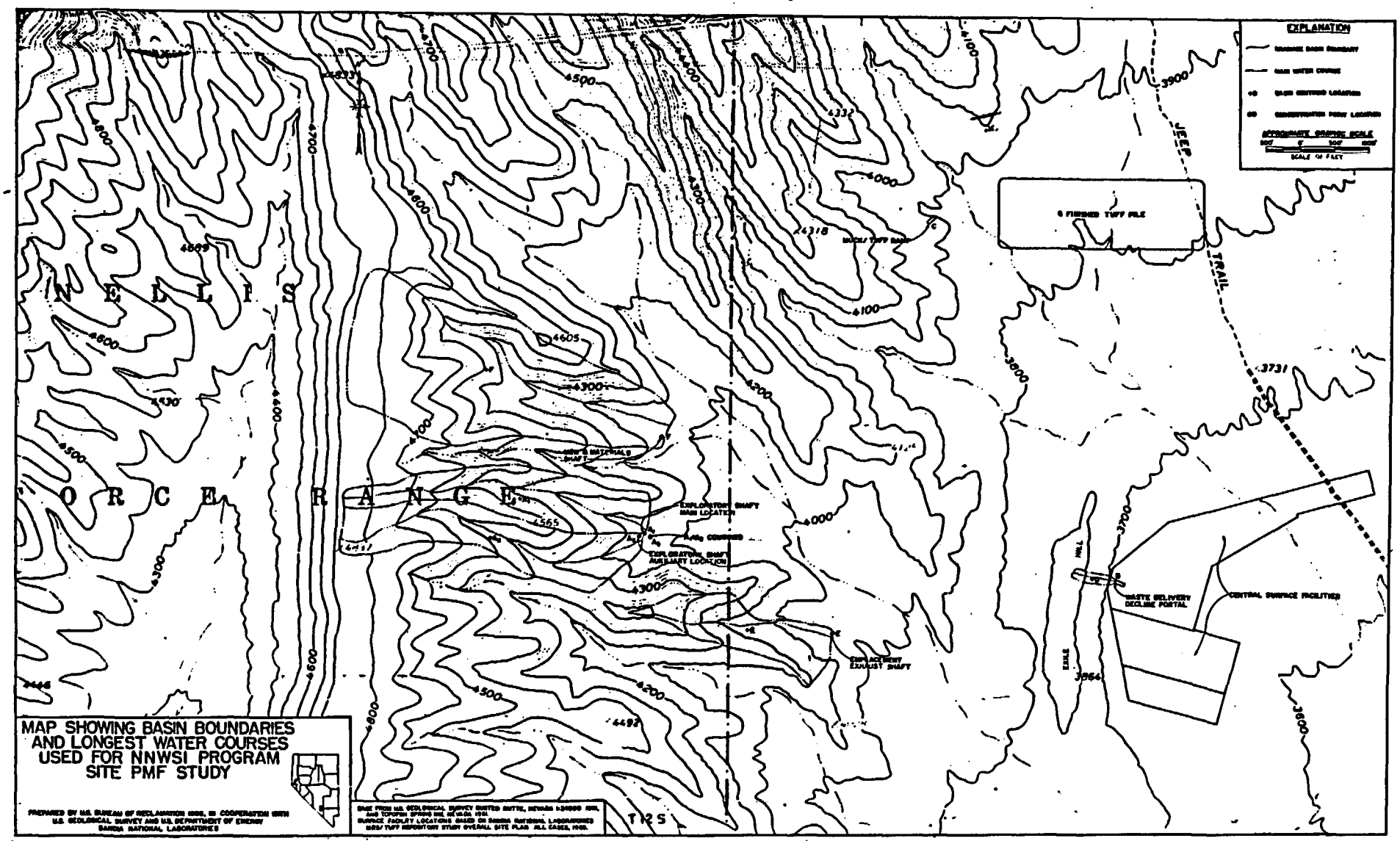
AND LOCATION OF RAIN GAGES

DURING THE JULY 19 1985 STORM

(NUMBERS REFER TO DATA IN TABLE 8)

BASE MAP FROM USGS [3]

PLATE 1



MAP SHOWING BASIN BOUNDARIES AND LONGEST WATER COURSES USED FOR NNWSI PROGRAM SITE PMF STUDY

PREPARED BY U.S. BUREAU OF RECLAMATION 1986, IN COOPERATION WITH U.S. GEOLOGICAL SURVEY AND U.S. DEPARTMENT OF ENERGY SANDIA NATIONAL LABORATORIES

BASE FROM U.S. GEOLOGICAL SURVEY SHUTTLE BUTTE, NEVADA 1:24000 1970, AND TONOPAH SPRING 1:24000 1970
SURFACE FACILITY LOCATIONS BASED ON SANDIA NATIONAL LABORATORIES 1985/ TUFF REPOSITORY STUDY OVERALL SITE PLAN ALL CASES, 1985.

PLATE 2

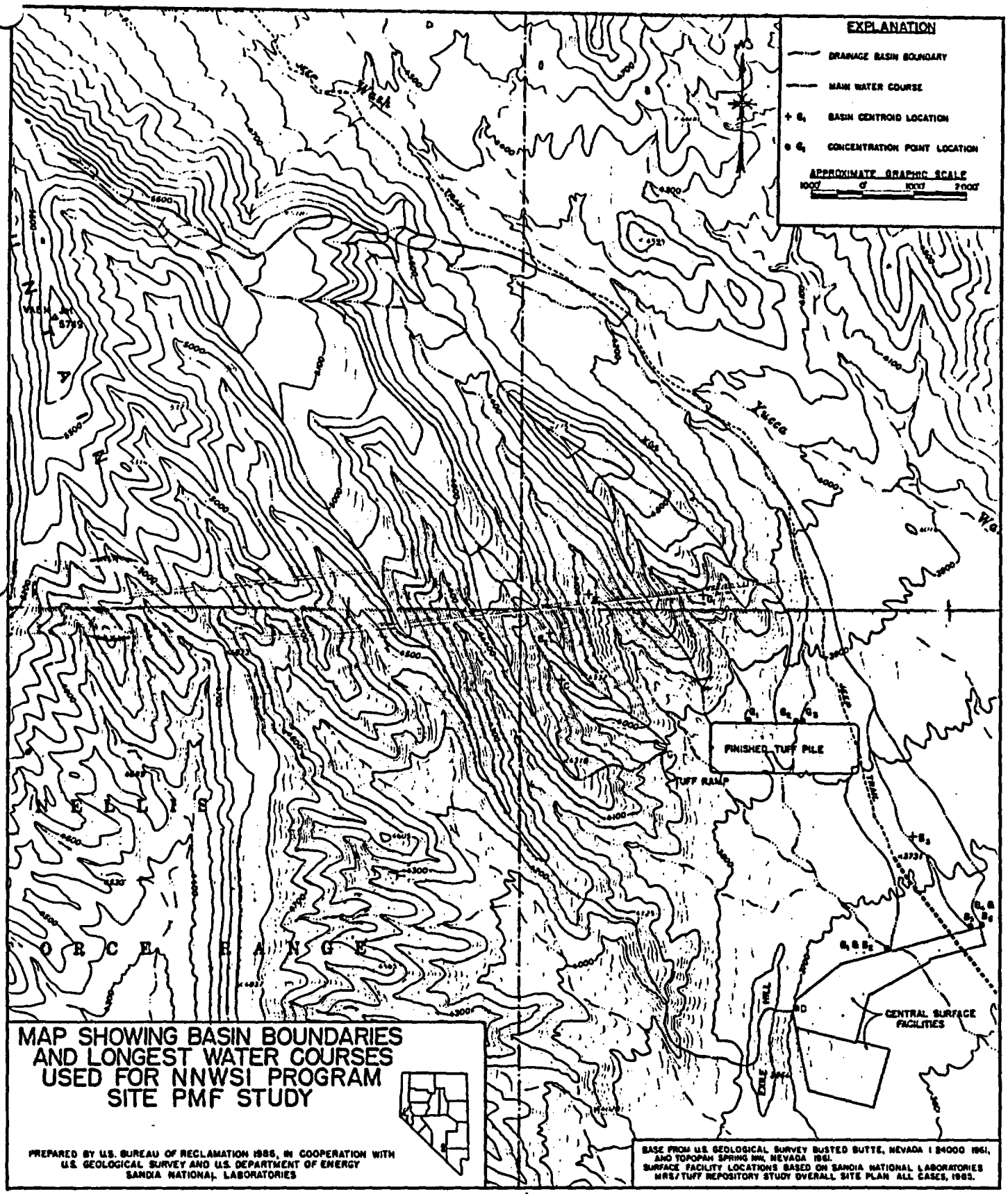

EXPLANATION
DRAINAGE BASIN BOUNDARY
MAIN WATER COURSE
BASIN CENTROID LOCATION
CONCENTRATION POINT LOCATION
APPROXIMATE GRAPHIC SCALE
1000' 0' 1000' 2000'
FINISHED TUFF PILE
TUFF RAMP
CENTRAL SURFACE FACILITIES
N E L L I S
O R C E R A N G E
MAP SHOWING BASIN BOUNDARIES AND LONGEST WATER COURSES USED FOR NNWSI PROGRAM SITE PMF STUDY
PREPARED BY U.S. BUREAU OF RECLAMATION 1985, IN COOPERATION WITH U.S. GEOLOGICAL SURVEY AND U.S. DEPARTMENT OF ENERGY SANDIA NATIONAL LABORATORIES
BASE FROM U.S. GEOLOGICAL SURVEY BUSTED BUTTE, NEVADA (1:24000 1961) AND TOPOPAH SPRING NW, NEVADA 1961.
SURFACE FACILITY LOCATIONS BASED ON SANDIA NATIONAL LABORATORIES MRS/TUFF REPOSITORY STUDY OVERALL SITE PLAN ALL CASES, 1985.

PLATE 3

Table 6.1.--General-storm PMP computations for the Colorado River and Great basin

Drainage NEVADA TEST SITE Area 2 mi^2 (km^2)
Latitude 36°52'30", Longitude 116°26'48" of basin center

Month AUG

Step	Duration (hrs) 6	12	18	24	48	72
A. Convergence PMP						
1. Drainage average value from one of figures 2.5 to 2.16 10.6 in. (mm)						
2. Reduction for barrier-elevation [fig. 2.18] 65 %						
3. Barrier-elevation reduced PMP [step 1 X step 2] 6.89 in. (mm)						
4. Durational variation [figs. 2.25 to 2.27 and table 2.7].	68	85	94	100	115	122 %
5. Convergence PMP for indicated durations [steps 3 X 4]	4.69	5.86	6.48	6.89	7.92	8.41 in. (mm)
6. Incremental 10 mi^2 (26 km^2) PMP [successive subtraction in step 5]	4.69	1.17	0.62	0.41	1.03	0.49 in. (mm)
7. Areal reduction [select from figs. 2.28 and 2.29]	100	100	100	100	100	100 %
8. Areally reduced PMP [step 6 X step 7]	4.69	1.17	0.62	0.41	1.03	0.49 in. (mm)
9. Drainage average PMP [accumulated values of step 8]	4.69	5.86	6.48	6.89	7.92	8.41 in. (mm)
B. Orographic PMP						
1. Drainage average orographic index from figure 3.11a to d. 2.8 in. (mm)						
2. Areal reduction [figure 3.20] 100 %						
3. Adjustment for month [one of figs. 3.12 to 3.17] 100 %						
4. Areally and seasonally adjusted PMP [steps 1 X 2 X 3] 2.8 in. (mm)						
5. Durational variation [table 3.8]	32	59	81	100	152	177 %
6. Orographic PMP for given durations [steps 4 X 5]	0.90	1.65	2.27	2.80	4.26	4.96 in. (mm)
C. Total PMP						
1. Add steps A9 and B6	5.59	7.51	8.75	9.69	12.18	13.37 in. (mm)

2. PMP for other durations from smooth curve fitted to plot of computed data.
3. Comparison with local-storm PMP (see sec. 6.3).

Table 6.1.--General-storm PMP computations for the Colorado River and Great basin

Drainage NEVADA TEST SITE Area 2 mi^2 (km^2)
Latitude 36° 52'30", Longitude 116°26'48" of basin center

Month SEPT

Step	Duration (hrs) 6	12	18	24	48	72
A. Convergence PMP						
1. Drainage average value from one of figures 2.5 to 2.16	10.8 in. ~~(mm)~~					
2. Reduction for barrier-elevation [fig. 2.18]	65%					
3. Barrier-elevation reduced PMP [step 1 X step 2]	7.02 in. ~~(mm)~~					
4. Durational variation [figs. 2.25 to 2.27 and table 2.7].	68	85	94	100	115	122 %
5. Convergence PMP for indicated durations [steps 3 X 4]	4.77	5.97	6.60	7.02	8.07	8.56 in. ~~(mm)~~
6. Incremental 10 mi^2 (26 km^2) PMP [successive subtraction in step 5]	4.77	1.20	0.63	0.42	1.05	0.49 in. ~~(mm)~~
7. Areal reduction [select from figs. 2.28 and 2.29]	100	100	100	100	100	100 %
8. Areally reduced PMP [step 6 X step 7]	4.77	1.20	0.63	0.42	1.05	0.49 in. ~~(mm)~~
9. Drainage average PMP [accumulated values of step 8]	4.77	1.20	0.63	0.42	1.05	0.49 in. ~~(mm)~~
B. Orographic PMP						
1. Drainage average orographic index from figure 3.11a to d.	2.8 in. ~~(mm)~~					
2. Areal reduction [figure 3.20]	100 %					
3. Adjustment for month [one of figs. 3.12 to 3.17]	100%					
4. Areally and seasonally adjusted PMP [steps 1 X 2 X 3]	2.8 in. (mm)					
5. Durational variation [table 3.6]	32	59	81	100	152	177%
6. Orographic PMP for given durations [steps 4 X 5]	0.90	1.65	2.27	2.80	4.26	4.96 in. ~~(mm)~~
C. Total PMP						
1. Add steps A9 and B6	5.67	7.62	8.87	9.82	12.33	13.52 in. ~~(mm)~~

2. PMP for other durations from smooth curve fitted to plot of computed data.
3. Comparison with local-storm PMP (see sec. 6.3).

PLATE 5

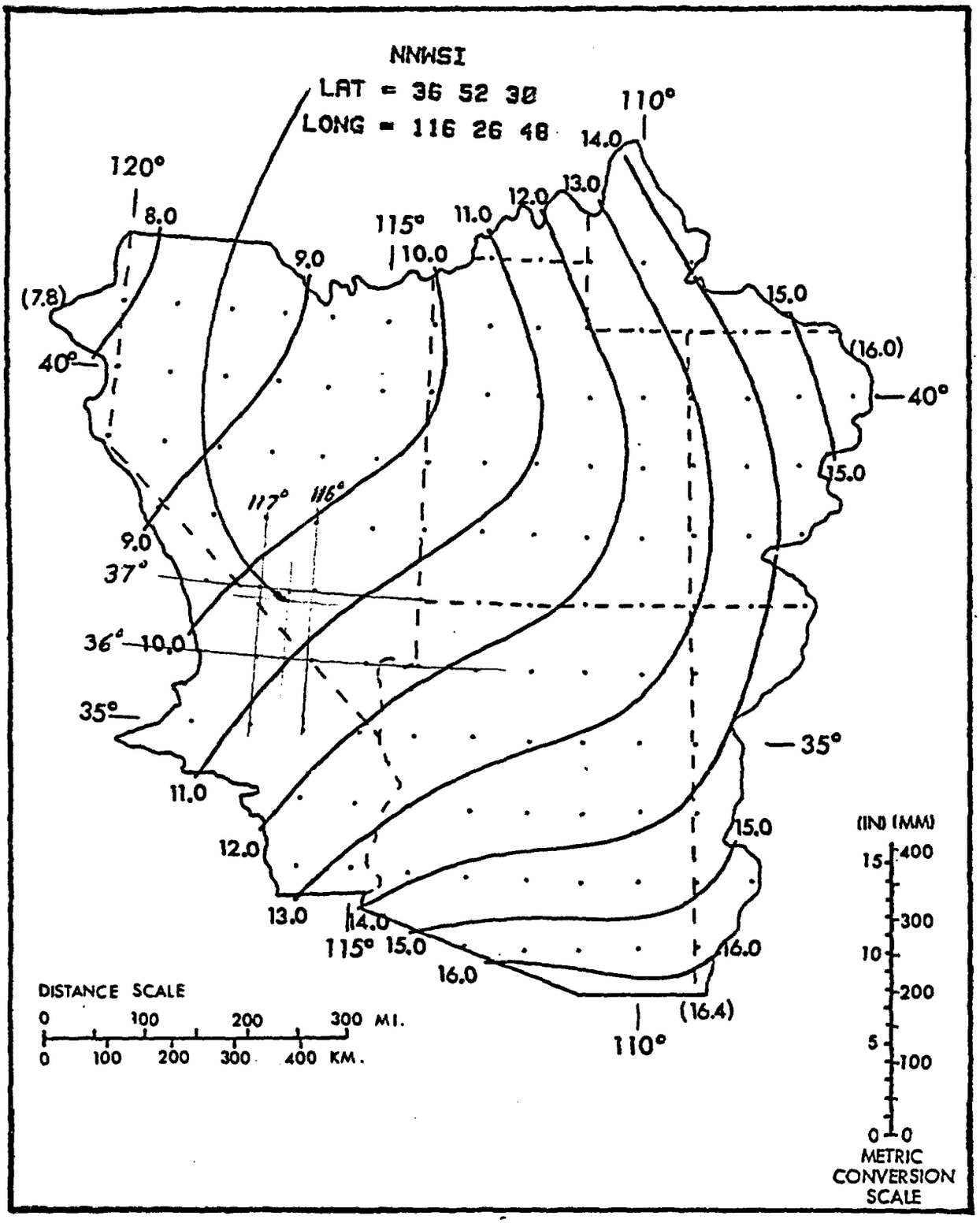


Figure 2.12.--1000-mb (100-kPa) 24-hr convergence PMP (inches) for 10 mi^2 (26 km^2) for August. Values in parentheses are limiting values and are to facilitate extrapolation beyond the indicated gradient.

FIG 2.12 HMR 49 (REPRINTED 1984)

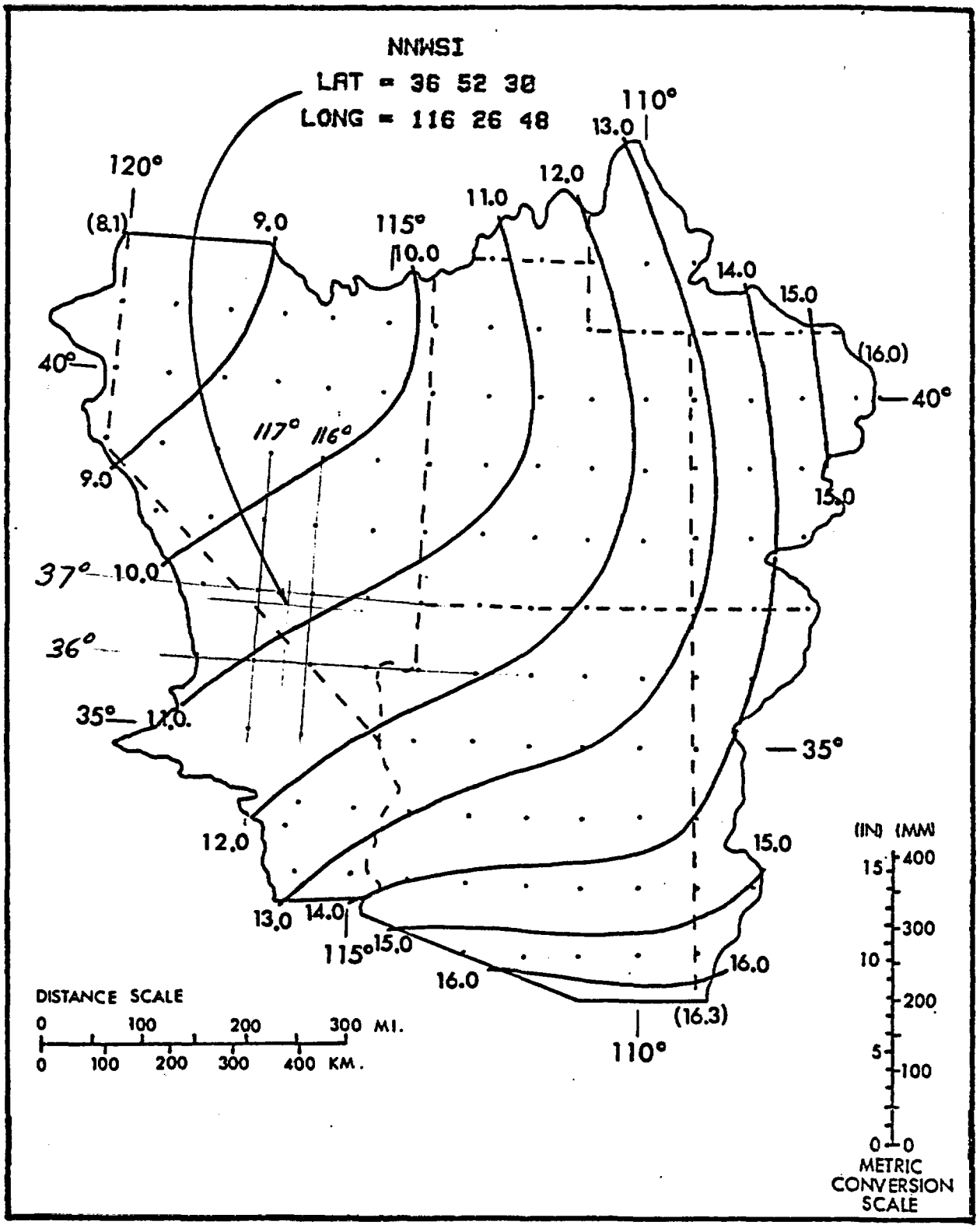


Figure 2.13.--1000-mb (100-kPa) 24-hr convergence PMP (inches) for 10 mi^2 (26 km^2) for September. Values in parentheses are limiting values and are to facilitate extrapolation beyond the indicated gradient.

FIG 2.13 HMR 48 (REPRINTED 1984)

PLATE 7

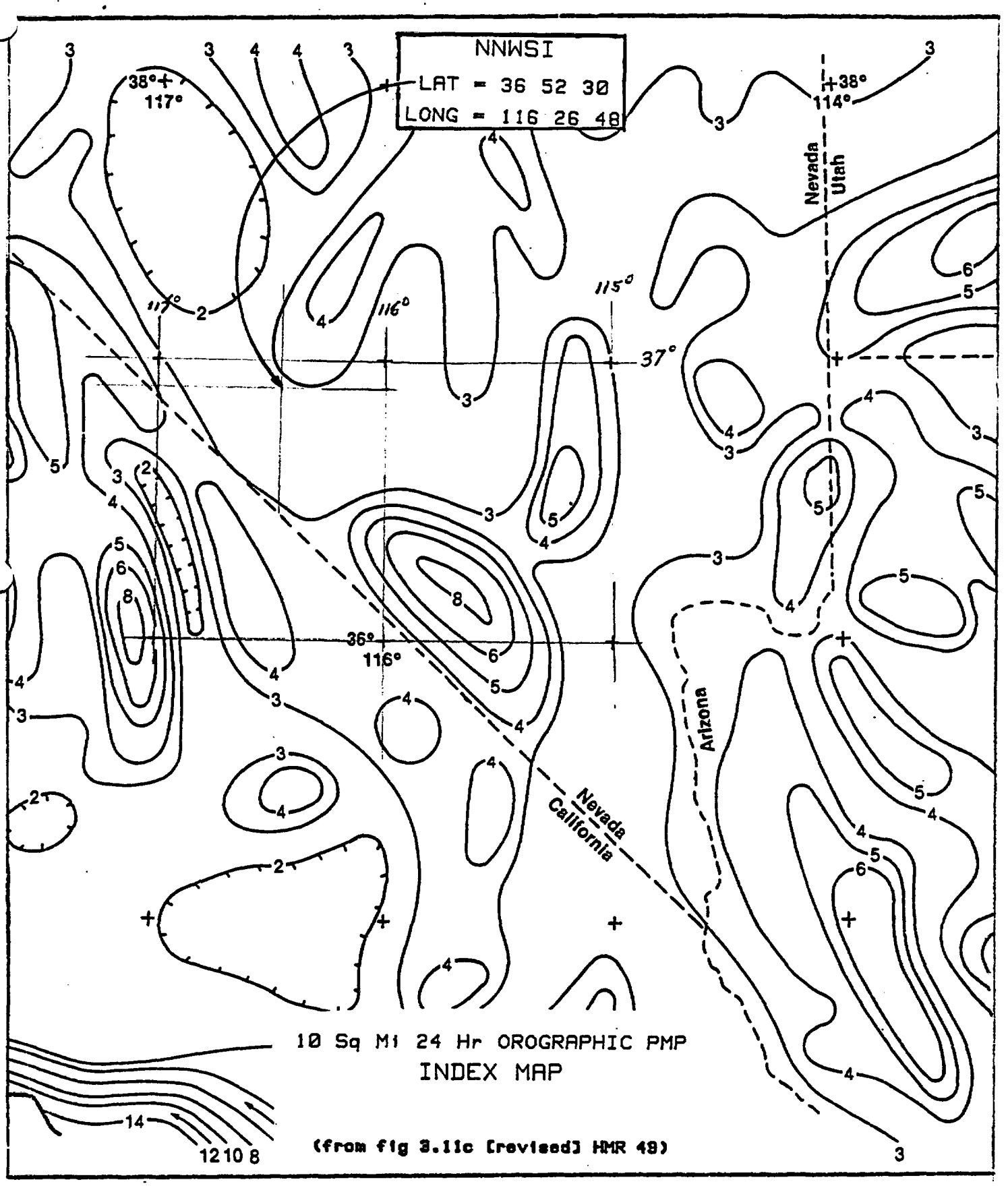

NNWSI
LAT = 36 52 30
LONG = 116 26 48
38°
117°
38°
114°
117°
116°
115°
37°
36°
116°
Nevada
Utah
Arizona
Nevada
California
10 Sq Mi 24 Hr OROGRAPHIC PMP
INDEX MAP
(from fig 3.11c [revised] HMR 49)

PLATE 8

Convergence Drainage Average Value PMP
Nevada Test Site

LAT = 36°52'30"
LONG = 116°26'48"

Using Figures 2.5 - 2.17, HMR 49

Month	24 hr 10 mi^2 Convergence PMP (in)
Jan	8.8
Feb	8.8
Mar	8.6
Apr	8.2
May	8.2
Jun	8.2
July	9.4
Aug	10.6
Sep	10.8 ←Max
Oct	10.4
Nov	9.4
Dec	9.0

Table 6.3A.--Local-storm PMP computation, Colorado River, Great Basin and California drainages. For drainage average depth PMP. Go to table 6.3B if areal variation is required.

Drainage NEVADA TEST SITE Area 2 mi^2 ~~(km^2)~~
Latitude 36° 52'30" Longitude 116°26'48" ~~Minimum~~ AVE Elevation 4700 ft ~~(m)~~

Steps correspond to those in sec. 6.3A.

1. Average 1-hr 1-mi^2 (2.6-km^2) PMP for drainage [fig. 4.5]. 10.3 in. ~~(mm)~~

2. a. Reduction for elevation. [No adjustment for elevations up to 5,000 feet (1,524 m): 5% decrease per 1,000 feet (305 m) above 5,000 feet (1,524 m)]. 100 %

   b. Multiply step 1 by step 2a. 10.3 in. ~~(mm)~~

3. Average 6/1-hr ratio for drainage [fig. 4.7]. 1.35

	Duration (hr)								
	1/4	1/2	3/4	1	2	3	4	5	6
4. Durational variation for 6/1-hr ratio of step 3 [table 4.4].	68	86	94	100	116	123	129	133	135 %
5. 1-mi^2 (2.6-km^2) PMP for indicated durations [step 2b X step 4].	7.00	8.86	9.68	10.30	11.95	12.67	13.29	13.70	13.91 in. ~~(mm)~~
6. Areal reduction [fig. 4.9].	94.5	96.0	97.0	98.0	99.0	100	100	100	100 %
7. Areal reduced PMP [steps 5 X 6].	6.62	8.51	9.39	10.09	11.83	12.67	13.29	13.70	13.91 in. ~~(mm)~~
8. Incremental PMP [successive subtraction in step 7].				10.09	1.74	0.84	0.62	0.41	0.21 in. ~~(mm)~~
			6.62	1.89	0.88	0.70 } 15-min. increments			
9. Time sequence of incremental PMP according to:									
Hourly increments [table 4.7].				0.91	0.84	10.09	1.74	0.62	0.21 in. ~~(mm)~~
Four largest 15-min. increments [table 4.8].				6.62	1.89	0.88	0.70		in. ~~(mm)~~

NNWSI

LAT = 36 52 30

LONG = 116 26 48

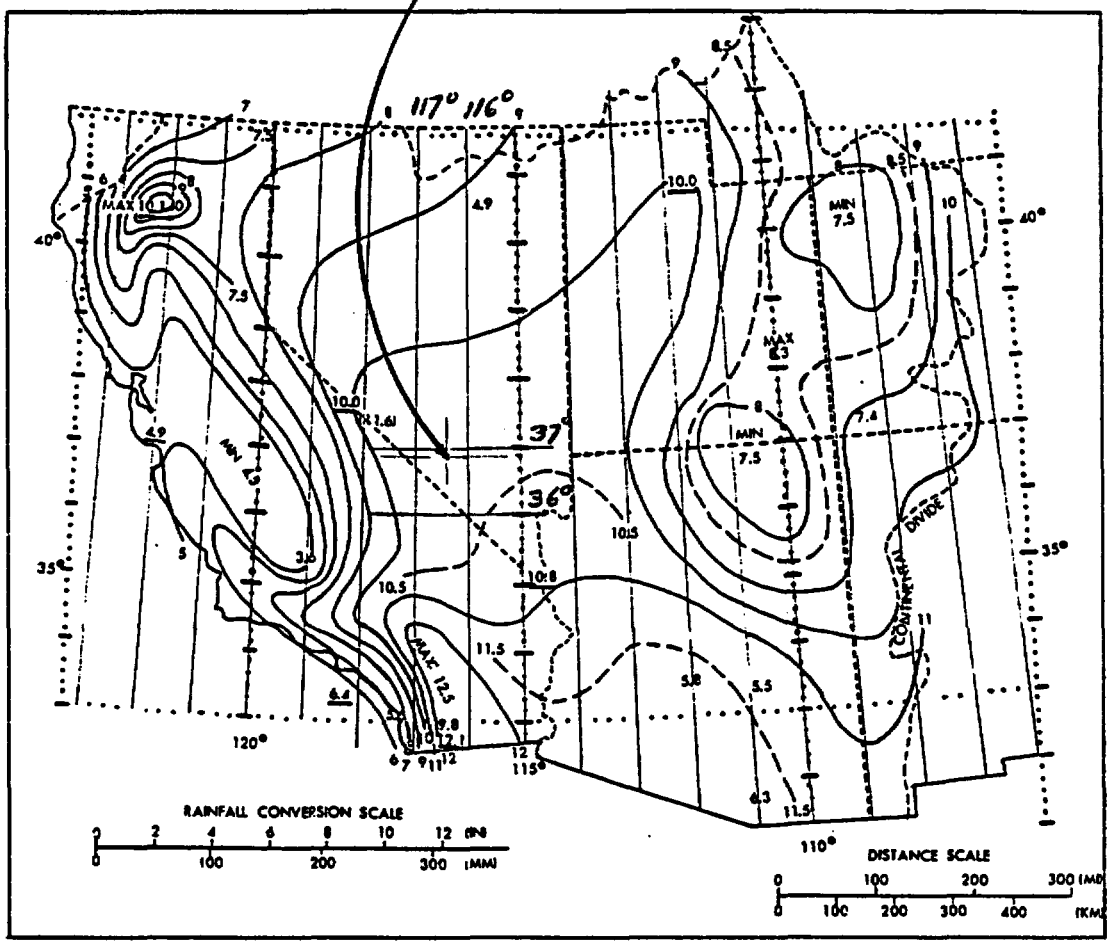
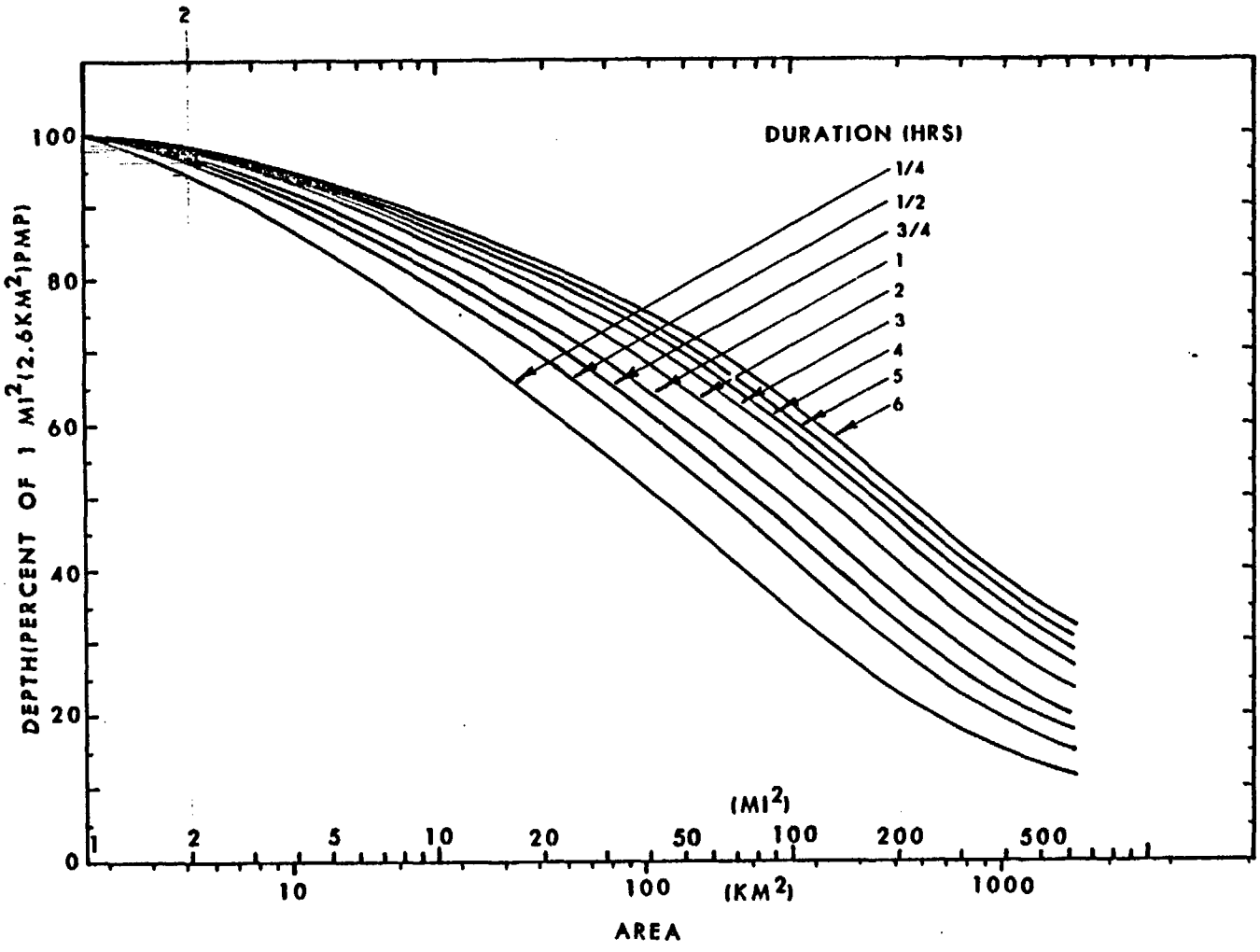


Figure 4.5--Local-storm PMP for 1 mi^2 (2.6 km^2) 1 hr. Directly applicable for locations between sea level and 5000 ft (1524 m). Elevation adjustment must be applied for locations above 5000 ft.

LOCAL STORM PMP INDEX MAP

Fig 4.5 HMR 49 [reprinted 1984]



Adopted depth-area relations for local-storm PMP.

Fig 4.9 HMR 49 [reprinted 1984]

PLATE 12

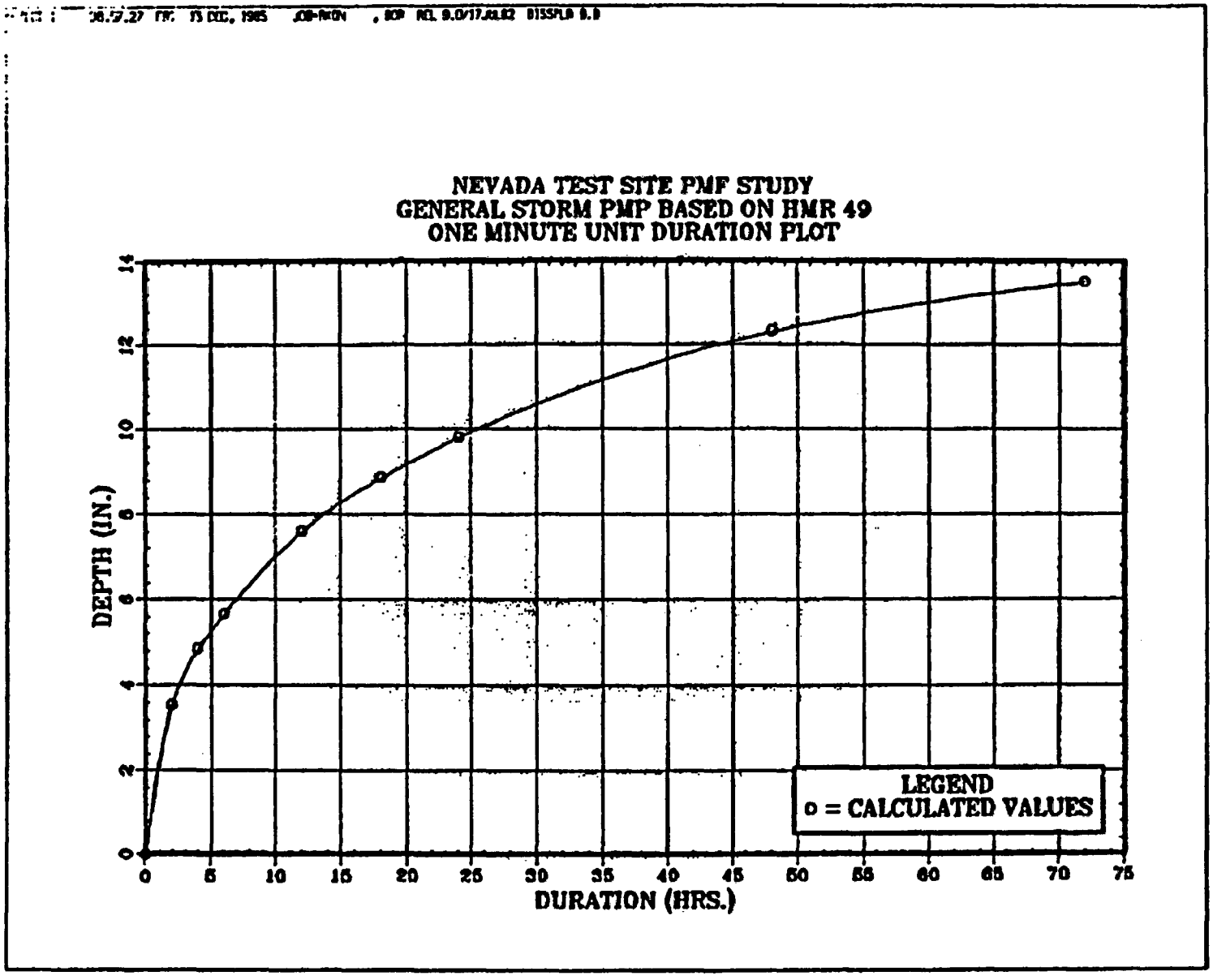

NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49
ONE MINUTE UNIT DURATION PLOT
DEPTH (IN.)
0
2
4
6
8
10
12
14
DURATION (HRS.)
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
LEGEND
o = CALCULATED VALUES

PLATE 13

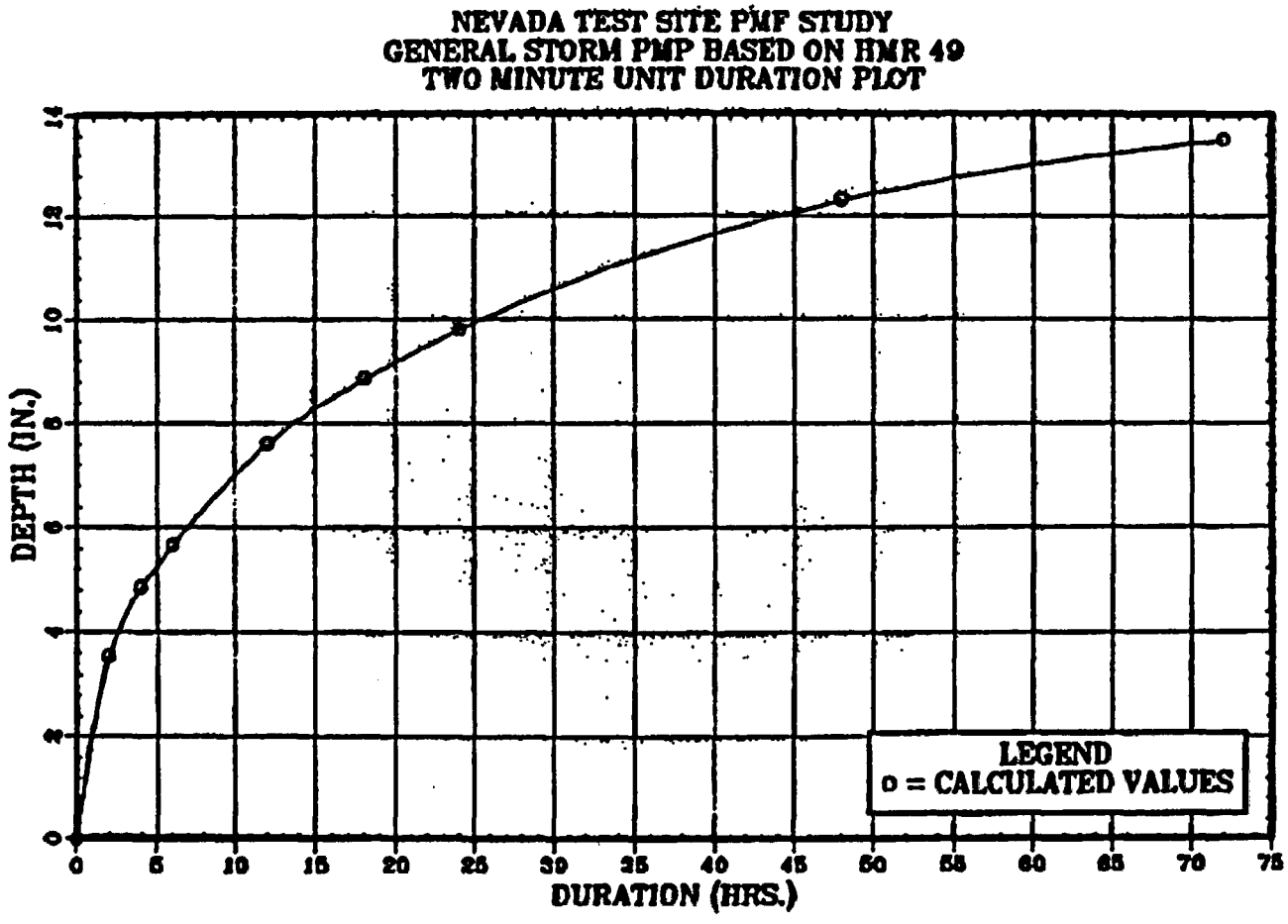

NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49
TWO MINUTE UNIT DURATION PLOT
DEPTH (IN.)
0
2
4
6
8
10
12
14
DURATION (HRS.)
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
LEGEND
o = CALCULATED VALUES

PLATE 14

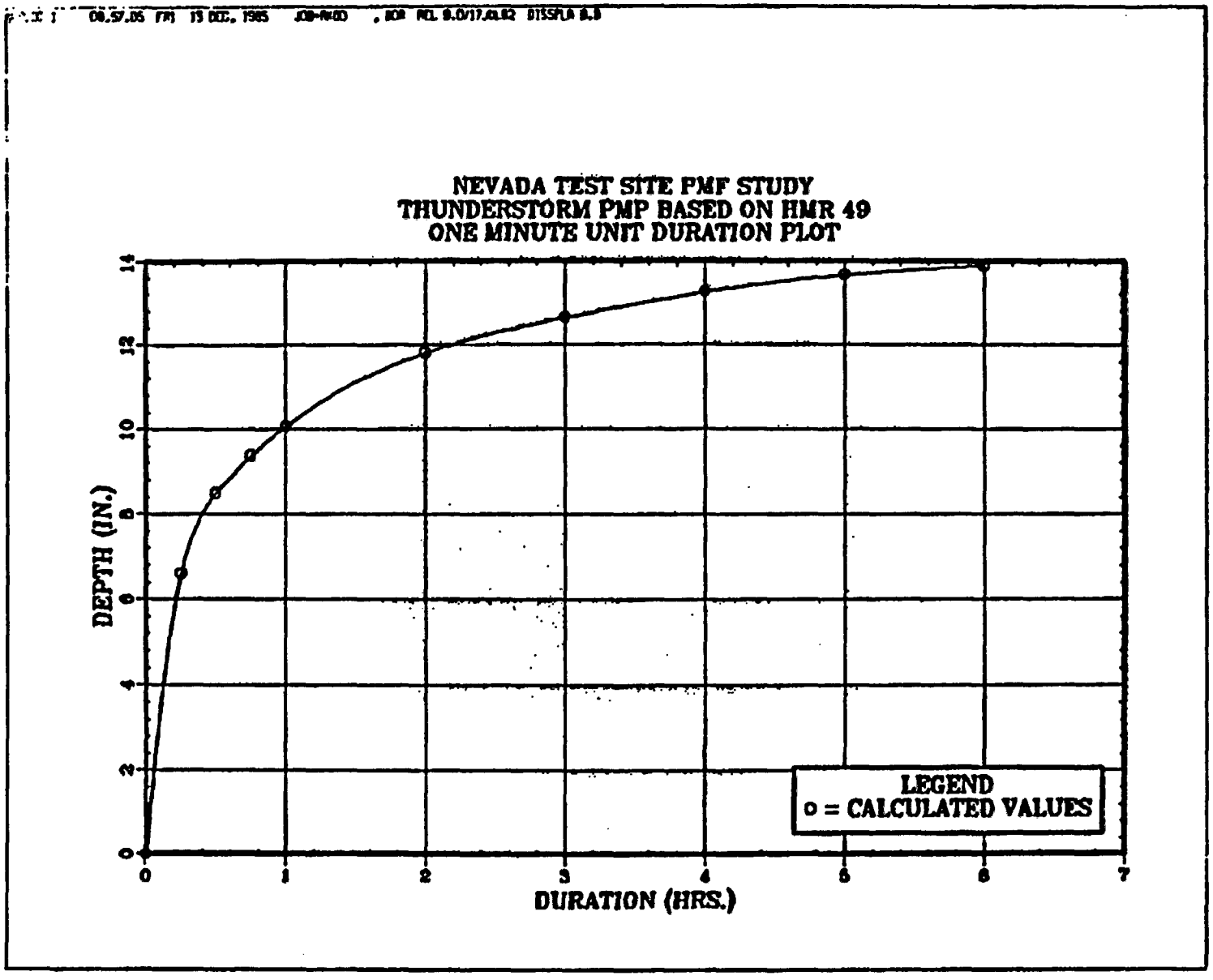

NEVADA TEST SITE PMF STUDY
THUNDERSTORM PMP BASED ON HMR 49
ONE MINUTE UNIT DURATION PLOT
DEPTH (IN.)
0
2
4
6
8
10
12
14
DURATION (HRS.)
0
1
2
3
4
5
6
7
LEGEND
o = CALCULATED VALUES

PLATE 15

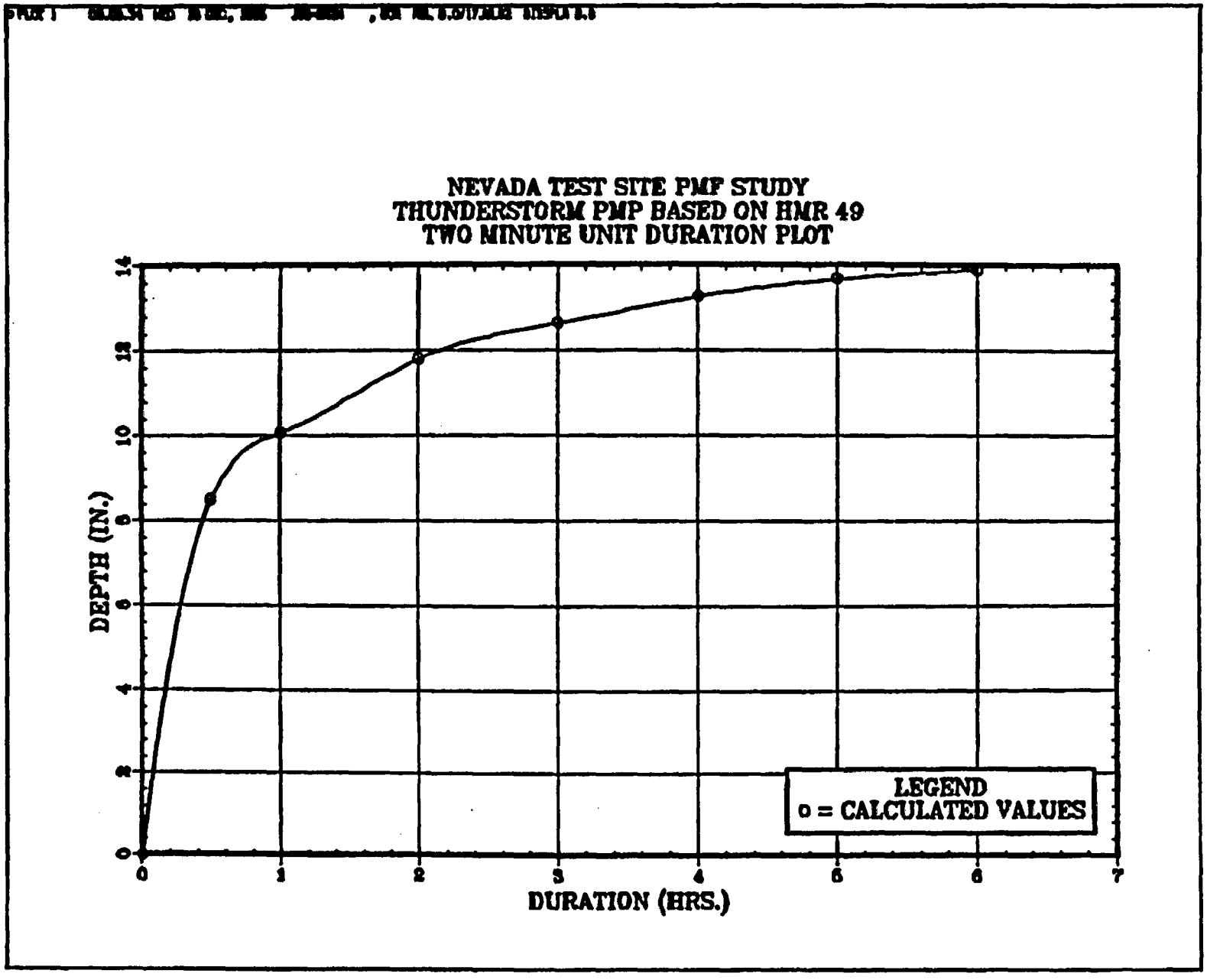
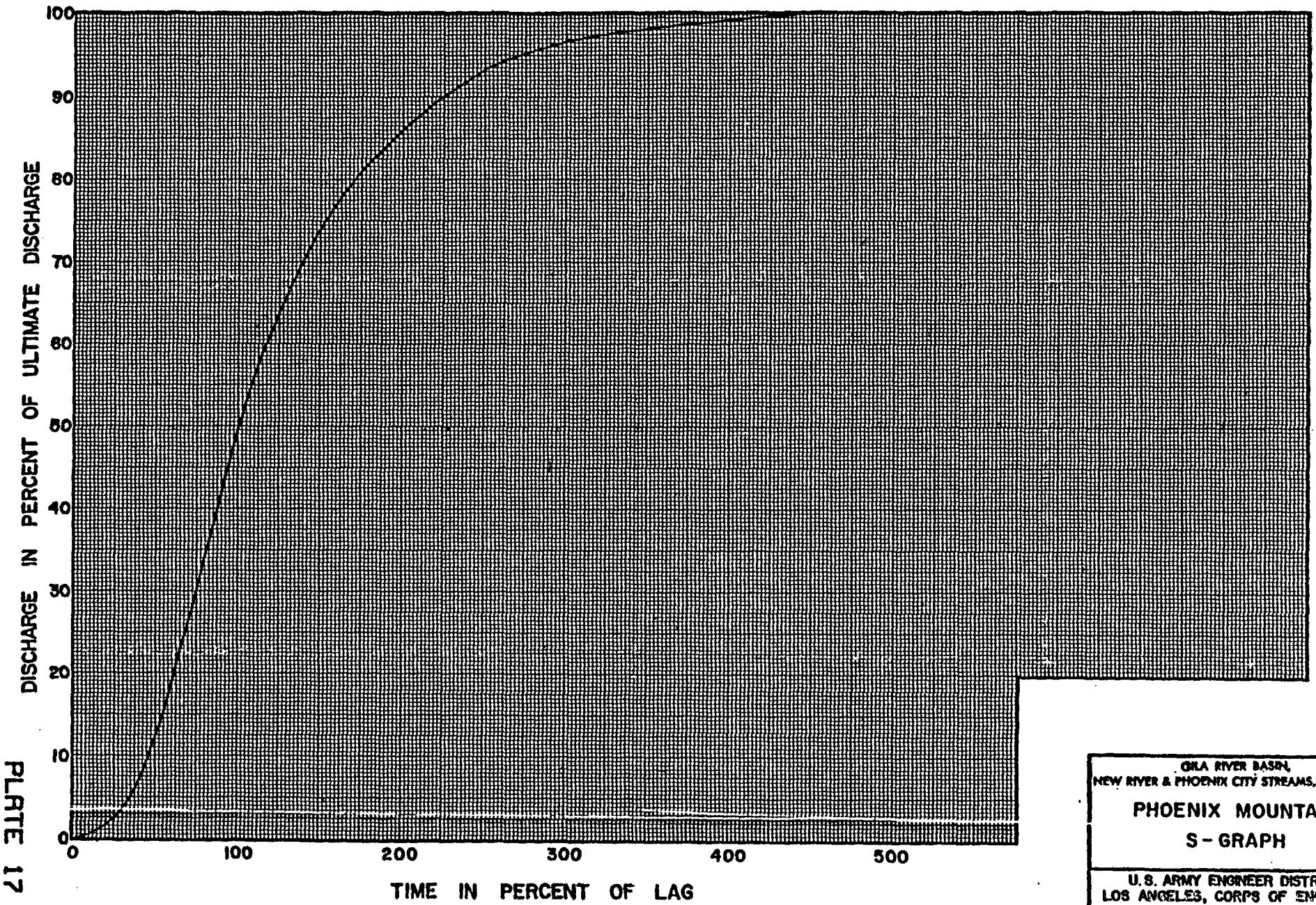

NEVADA TEST SITE PMF STUDY
THUNDERSTORM PMP BASED ON HMR 49
TWO MINUTE UNIT DURATION PLOT
DEPTH (IN.)
0
2
4
6
8
10
12
14
DURATION (HRS.)
0
1
2
3
4
5
6
7
LEGEND
o = CALCULATED VALUES

PLATE 16



GILA RIVER BASIN,
NEW RIVER & PHOENIX CITY STREAMS, ARIZONA

PHOENIX MOUNTAIN

S - GRAPH

U.S. ARMY ENGINEER DISTRICT
LOS ANGELES, CORPS OF ENGINEERS
TO ACCOMPANY DESIGN MEMO NO. 2

PLATE 17

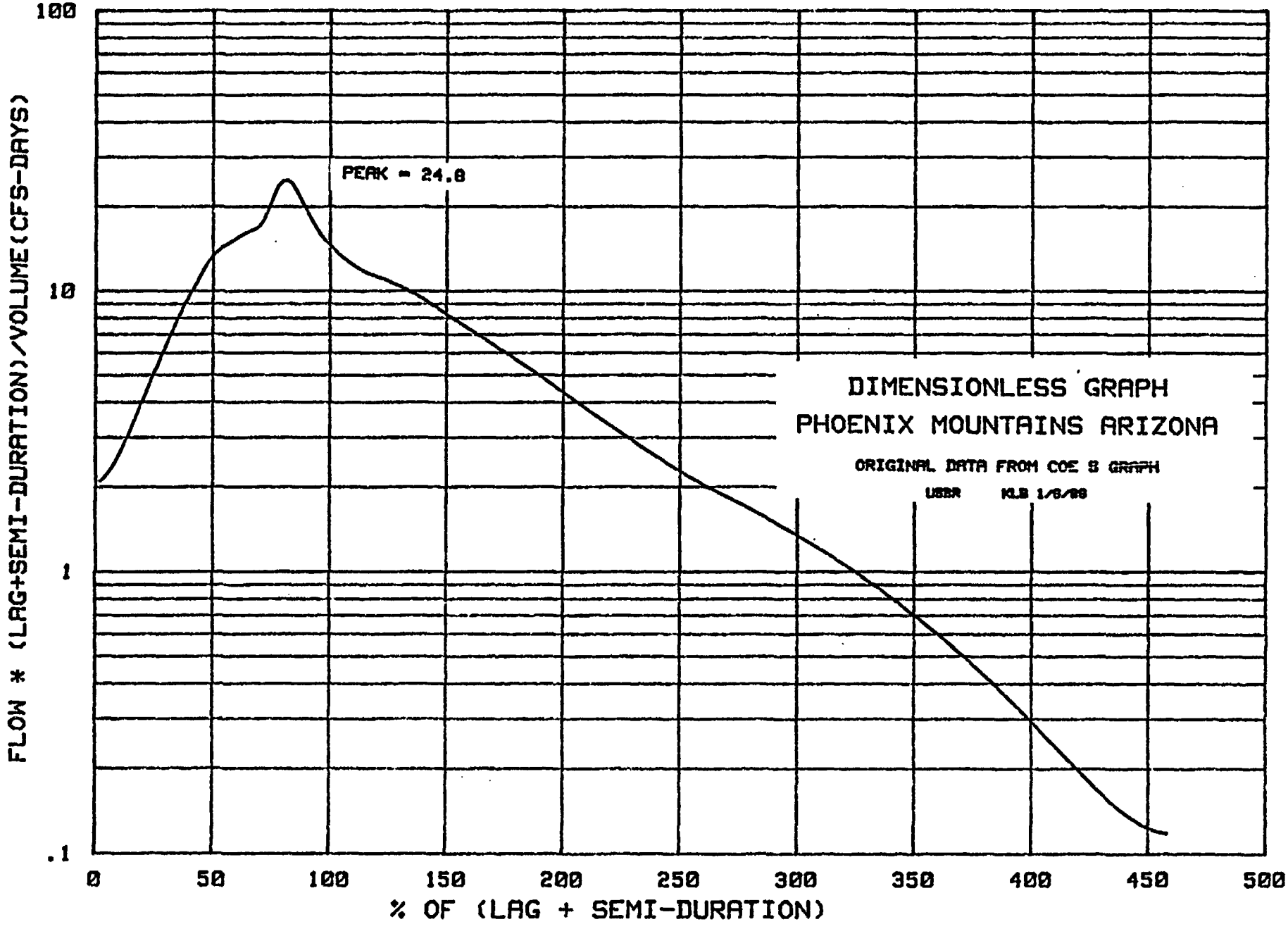
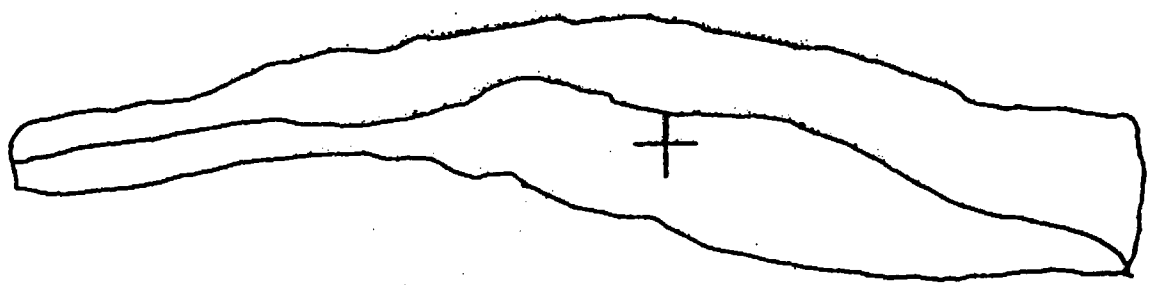

DIMENSIONLESS GRAPH
PHOENIX MOUNTAINS ARIZONA
ORIGINAL DATA FROM COE S GRAPH
USBR KLB 1/6/88
PEAK = 24.8
FLOW * (LAG+SEMI-DURATION)/VOLUME(CFS-DAYS)
100
10
1
.1
0
50
100
150
200
250
300
350
400
450
500
% OF (LAG + SEMI-DURATION)

PLATE 18



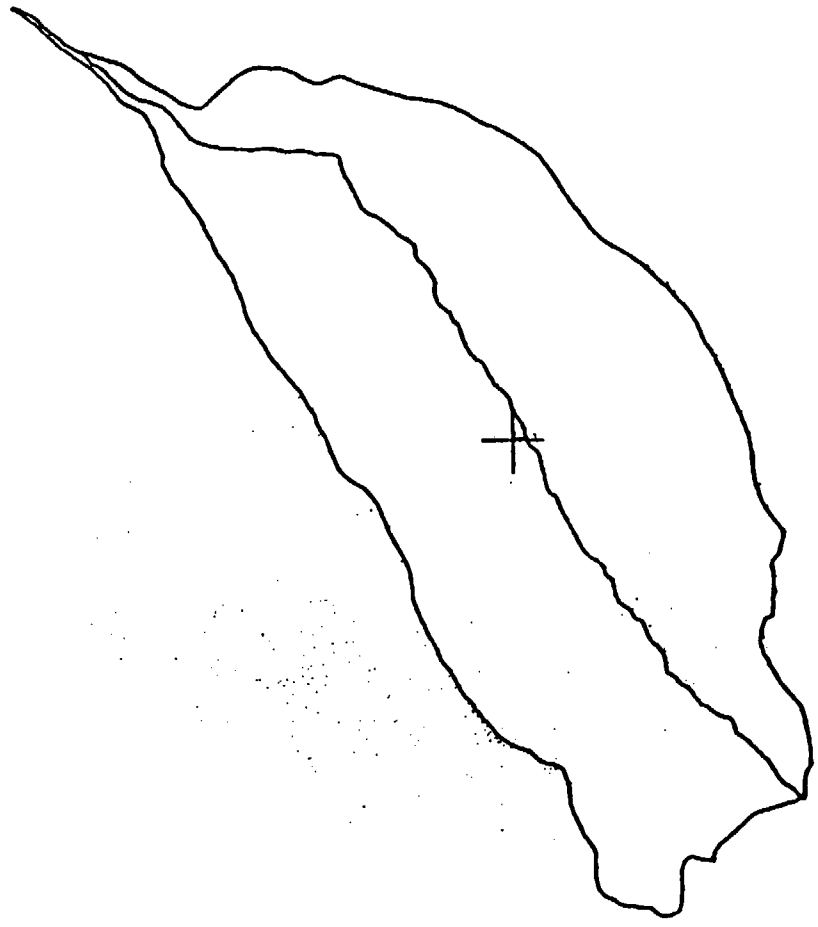
AREA=0.09 SQUARE MILES 12-DEC-85 13:51:11
TOTAL LENGTH OF STREAM = 0.87 MILES
LENGTH OF STREAM DOWNSTREAM OF CENT.= 0.37 MILES

A1 - Exploratory Shaft
Main Location

AREA=0.10 SQUARE MILES 12-DEC-85 13:47:05
TOTAL LENGTH OF STREAM = 0.91 MILES
LENGTH OF STREAM DOWNSTREAM OF CENT.= 0.45 MILES

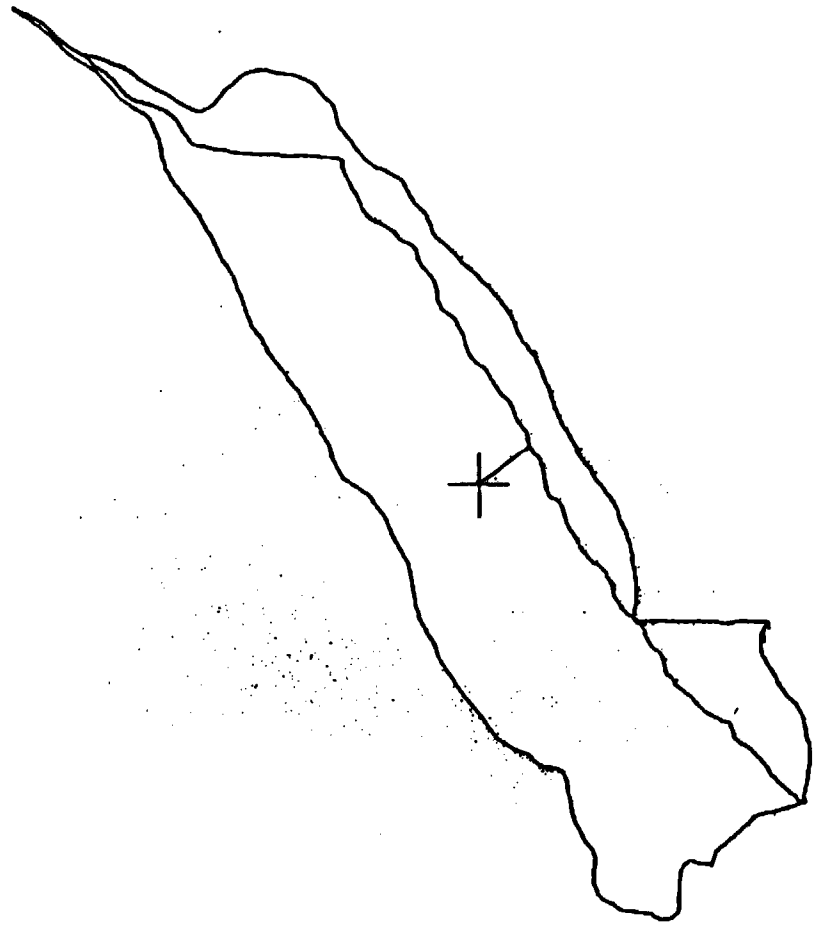
A2 - Exploratory Shaft
Auxiliary Location

PLATE 20



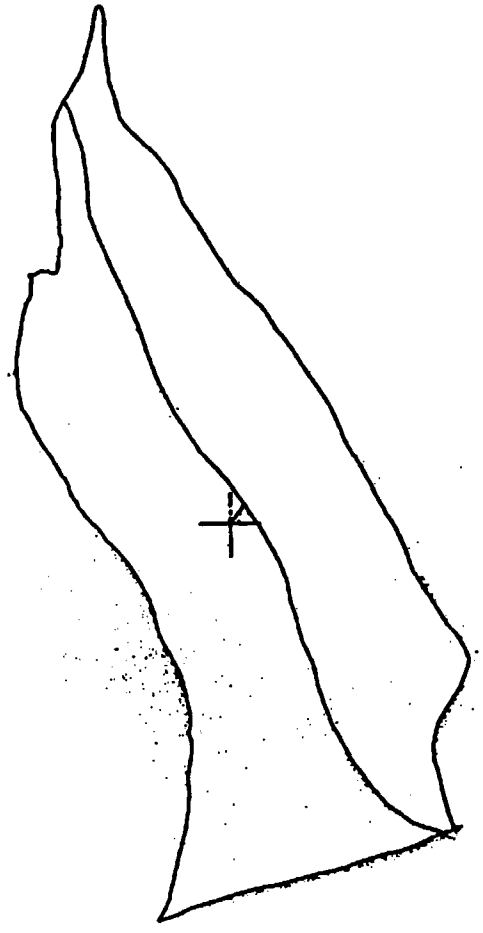
AREA=4.31 SQUARE MILES 12-DEC-85 13:11:40
TOTAL LENGTH OF STREAM = 4.39 MILES
LENGTH OF STREAM DOWNSTREAM OF CENT.= 1.84 MILES

B1 - Central Surface
Facility Without
Tuff Pile



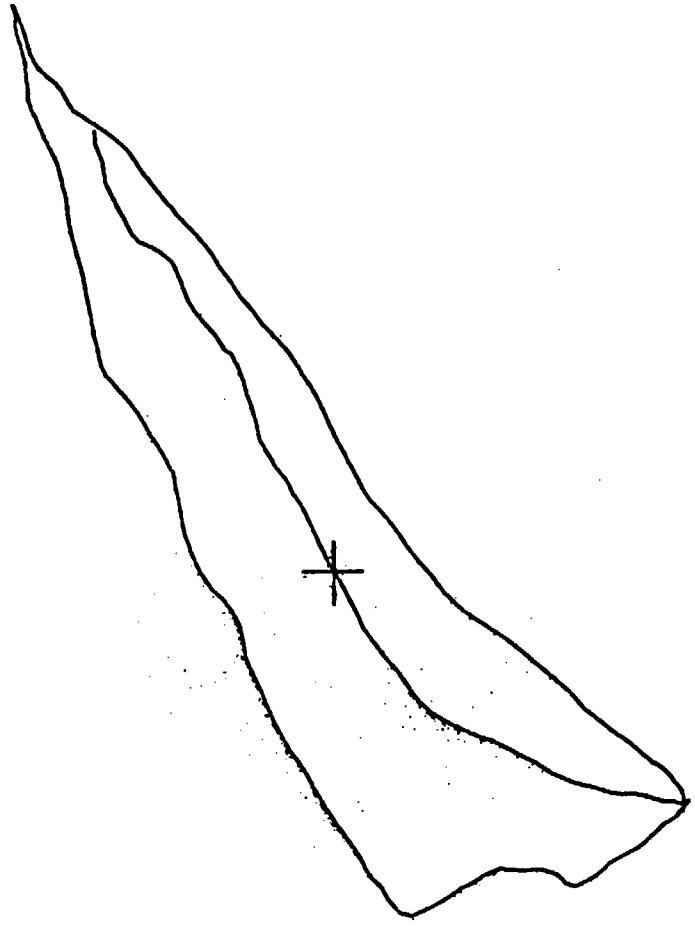
AREA=2.99 SQUARE MILES 12-DEC-85 13:00:50
TOTAL LENGTH OF STREAM = ~~4.40~~ MILES USE 4.39
LENGTH OF STREAM DOWNSTREAM OF CENT.= 1.82 MILES

B2 - Central Surface
Facility With
Tuff Pile



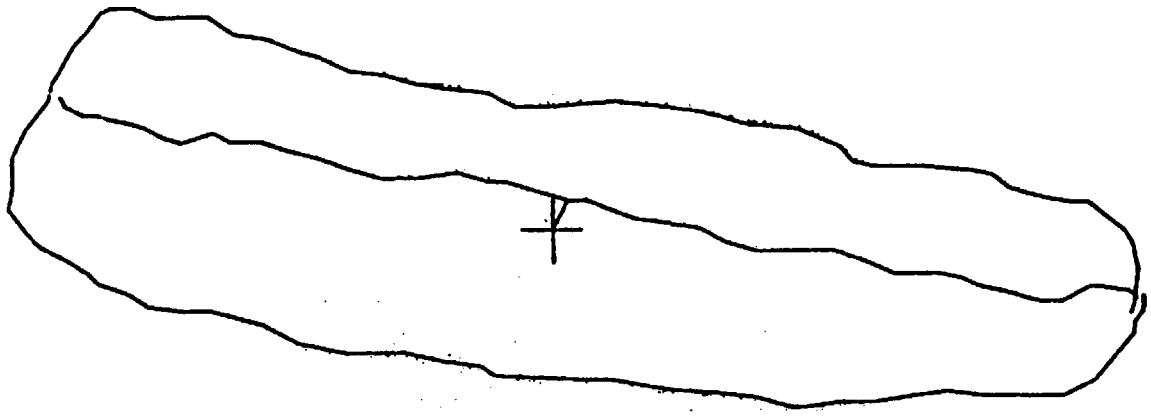
AREA=0.24 SQUARE MILES 12-DEC-85 13:04:08
TOTAL LENGTH OF STREAM = 0.96 MILES
LENGTH OF STREAM DOWNSTREAM OF CENT.= 0.45 MILES

B3 - Central Surface Facility East Arm



AREA=0.23 SQUARE MILES 12-DEC-85 13:18:24
TOTAL LENGTH OF STREAM = 1.12 MILES
LENGTH OF STREAM DOWNSTREAM OF CENT.= 0.52 MILES

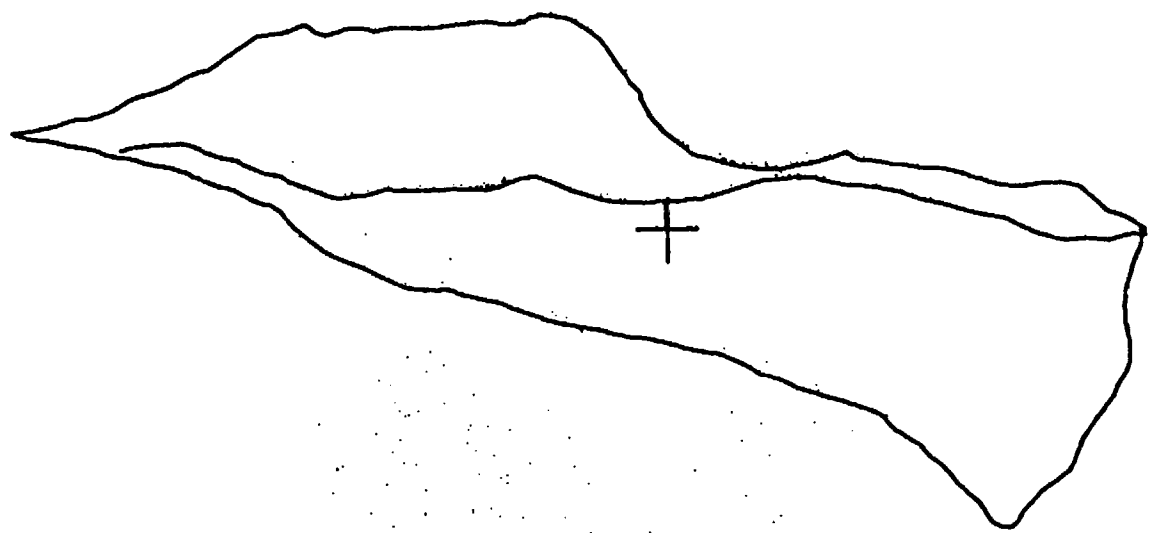
C- Tuff Ramp



AREA=0.00 SQUARE MILES 12-DEC-85 13:39:19
TOTAL LENGTH OF STREAM = 0.12 MILES
LENGTH OF STREAM DOWNSTREAM OF CENT.= 0.06 MILES

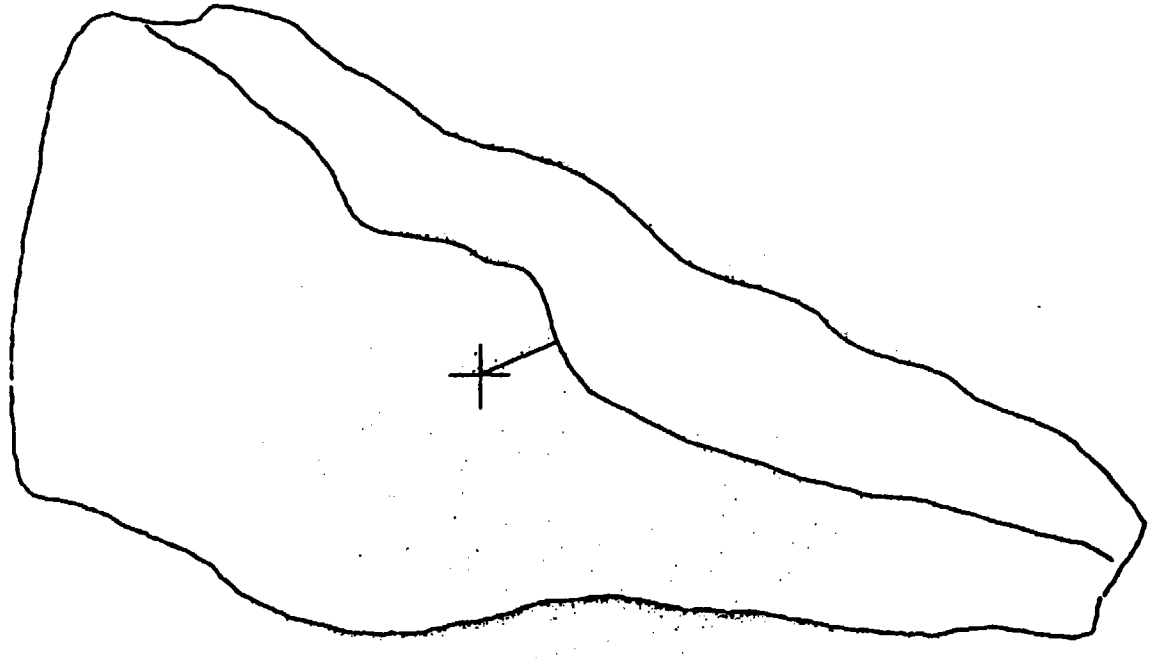
D - Waste Decline
Delivery Portal

PLATE 25



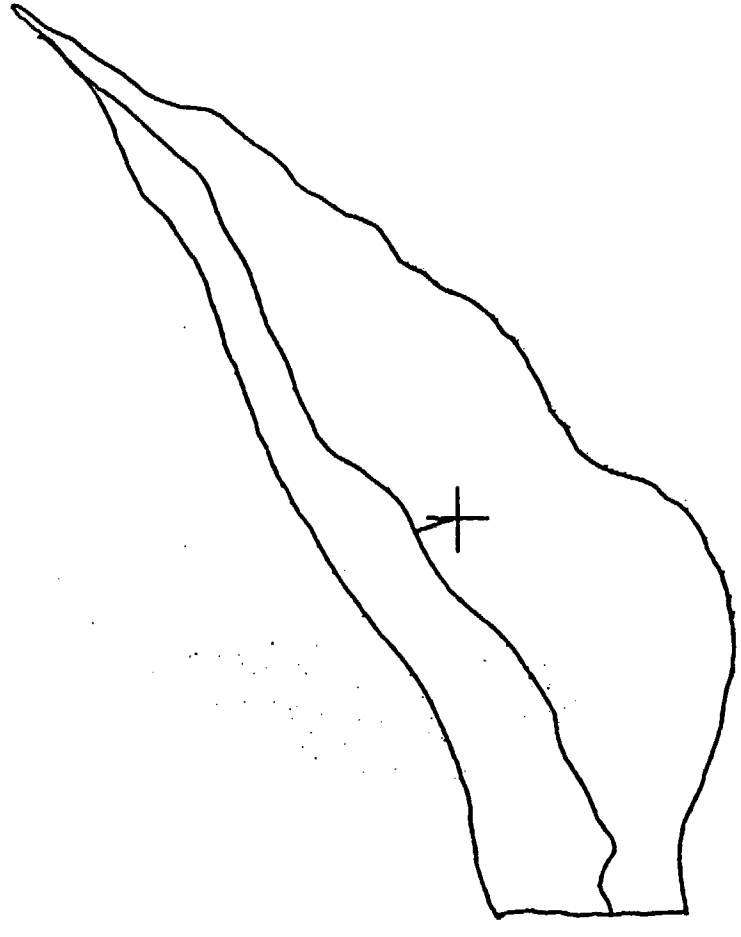
AREA=0.06 SQUARE MILES 12-DEC-85 13:43:44
TOTAL LENGTH OF STREAM = 0.53 MILES
LENGTH OF STREAM DOWNSTREAM OF CENT.= 0.25 MILES

E - Emplacement Exhaust Shaft



AREA=0.27 SQUARE MILES 12-DEC-85 14:00:00
TOTAL LENGTH OF STREAM = 0.93 MILES
LENGTH OF STREAM DOWNSTREAM OF CENT.= 0.49 MILES

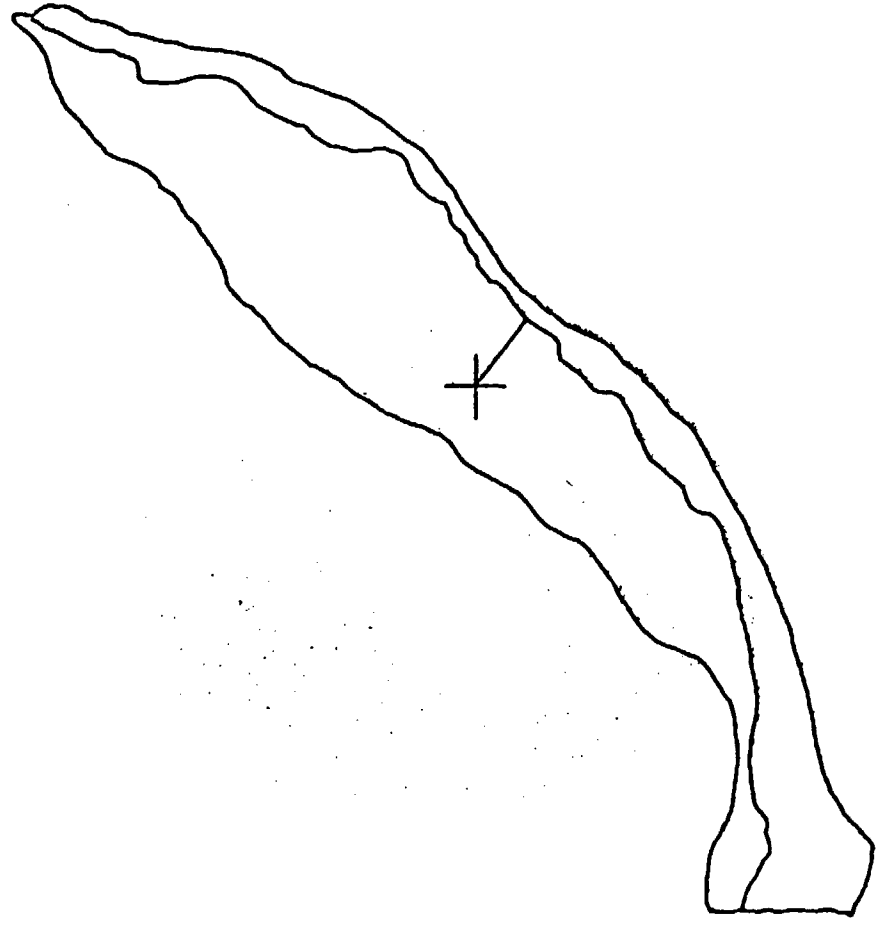
F - Men and Materials
Shaft



AREA=0.36 SQUARE MILES 12-DEC-85 13:21:04
TOTAL LENGTH OF STREAM = 1.40 MILES
LENGTH OF STREAM DOWNSTREAM OF CENT.= 0.57 MILES

G1 - Finished Tuff Pile
West Drainage

PLATE 28



AREA=0.86 SQUARE MILES 12-DEC-85 13:27:08
TOTAL LENGTH OF STREAM = 2.88 MILES
LENGTH OF STREAM DOWNSTREAM OF CENT.= 1.49 MILES

G2 - Finished Tuff Pile
East Drainage

PLATE 29

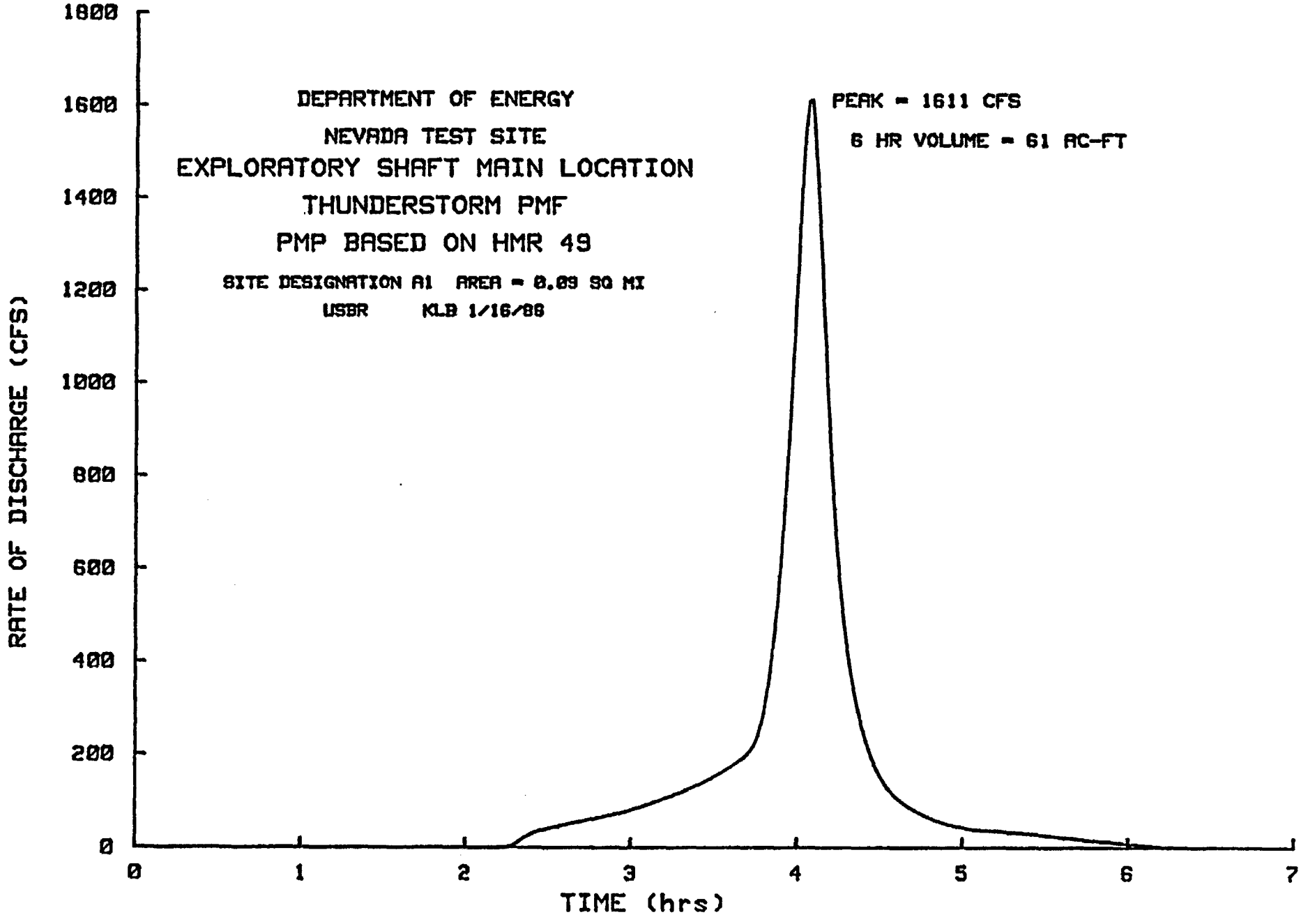

DEPARTMENT OF ENERGY
NEVADA TEST SITE
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION A1 AREA = 0.09 SQ MI
USBR KLB 1/16/88
PEAK = 1611 CFS
6 HR VOLUME = 61 AC-FT
RATE OF DISCHARGE (CFS)
1800
1600
1400
1200
1000
800
600
400
200
0
0
1
2
3
4
5
6
7
TIME (hrs)

PLATE 30

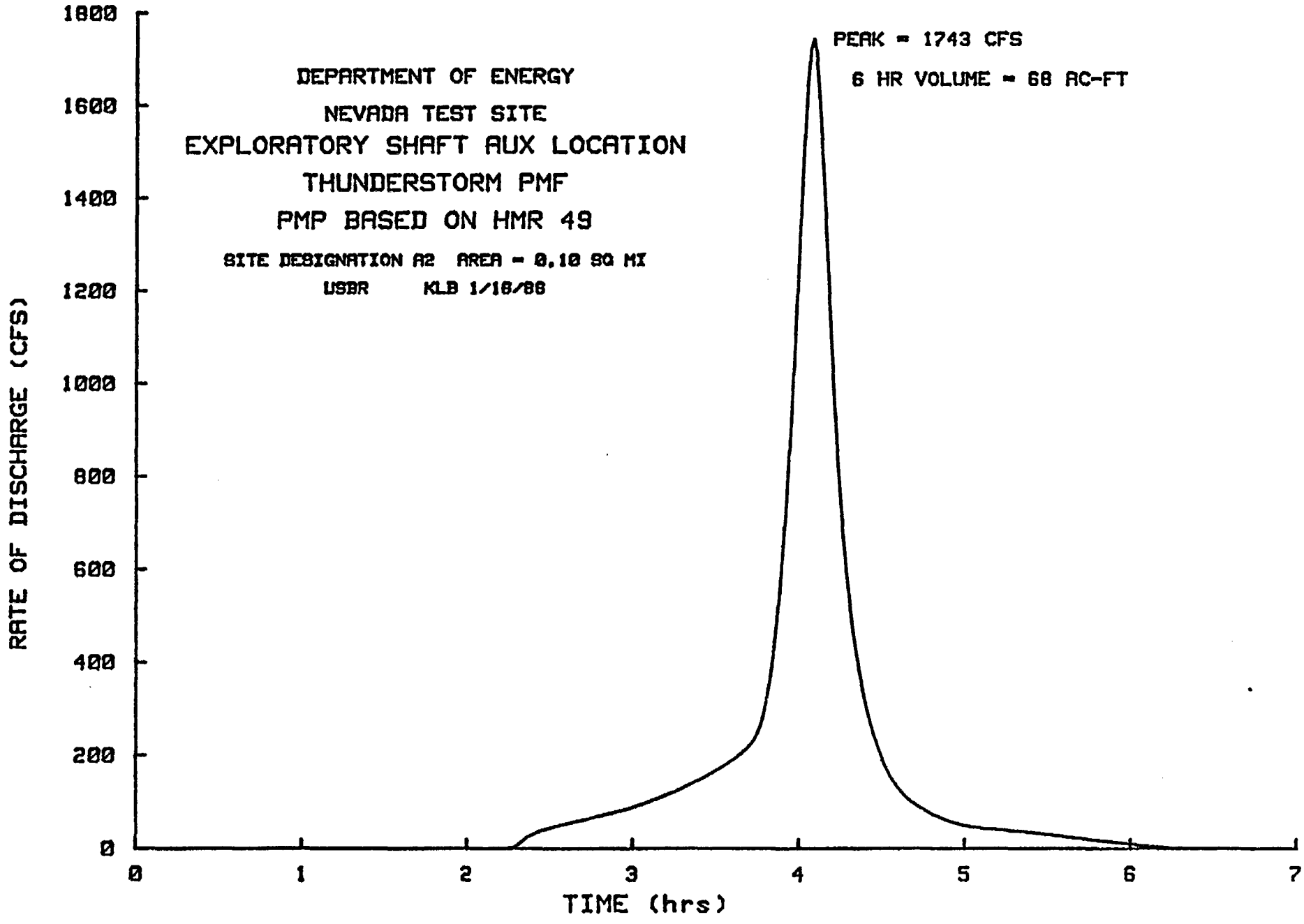

DEPARTMENT OF ENERGY
NEVADA TEST SITE
EXPLORATORY SHAFT AUX LOCATION
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION A2 AREA = 0.10 SQ MI
USBR KLB 1/16/86
PEAK = 1743 CFS
6 HR VOLUME = 68 AC-FT
RATE OF DISCHARGE (CFS)
TIME (hrs)
0
200
400
600
800
1000
1200
1400
1600
1800
0
1
2
3
4
5
6
7

PLATE 31

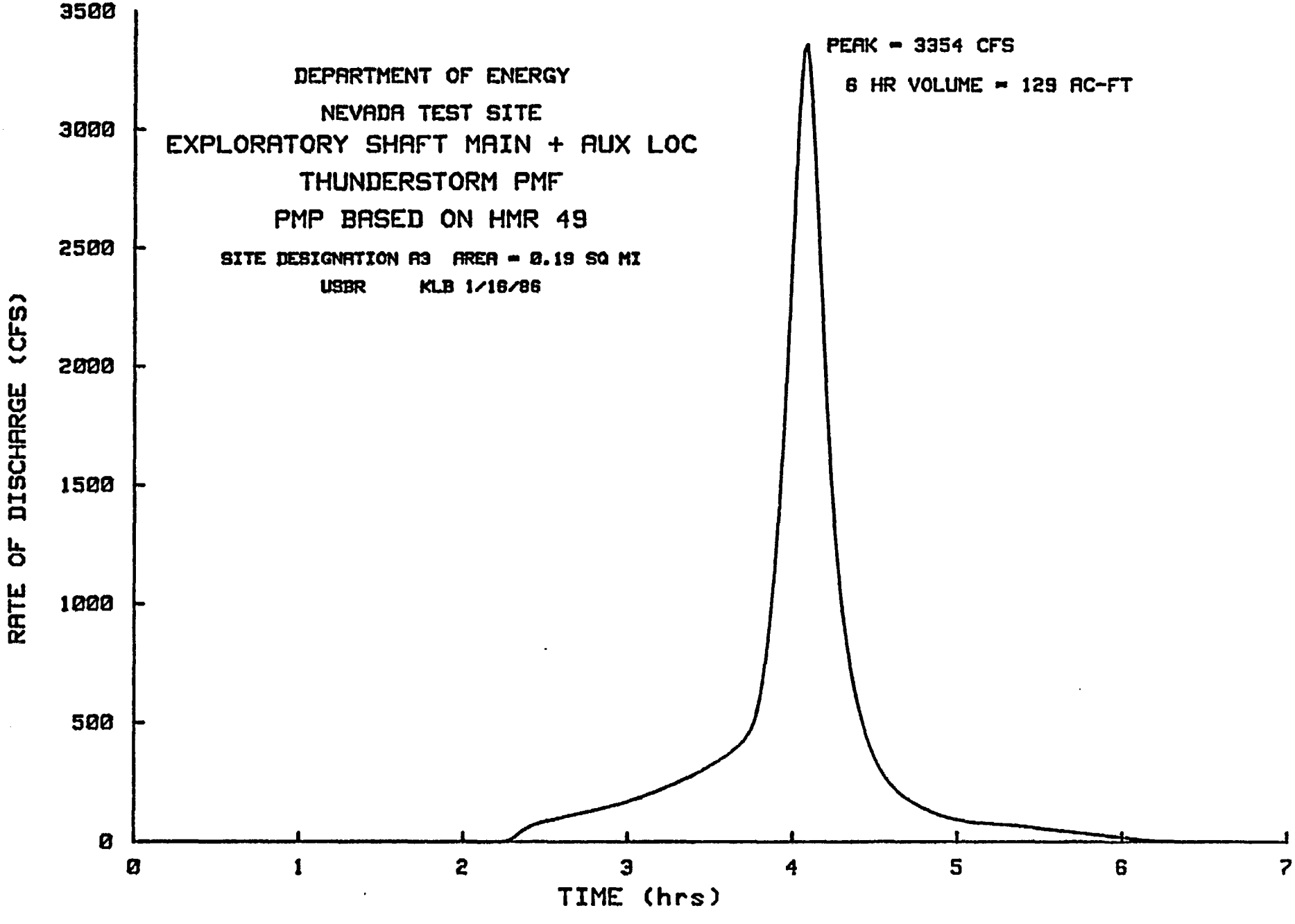

DEPARTMENT OF ENERGY
NEVADA TEST SITE
EXPLORATORY SHAFT MAIN + AUX LOC
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION A3 AREA = 0.19 SQ MI
USBR KLB 1/16/86
PEAK = 3354 CFS
6 HR VOLUME = 129 AC-FT
RATE OF DISCHARGE (CFS)
3500
3000
2500
2000
1500
1000
500
0
0
1
2
3
4
5
6
7
TIME (hrs)

PLATE 32

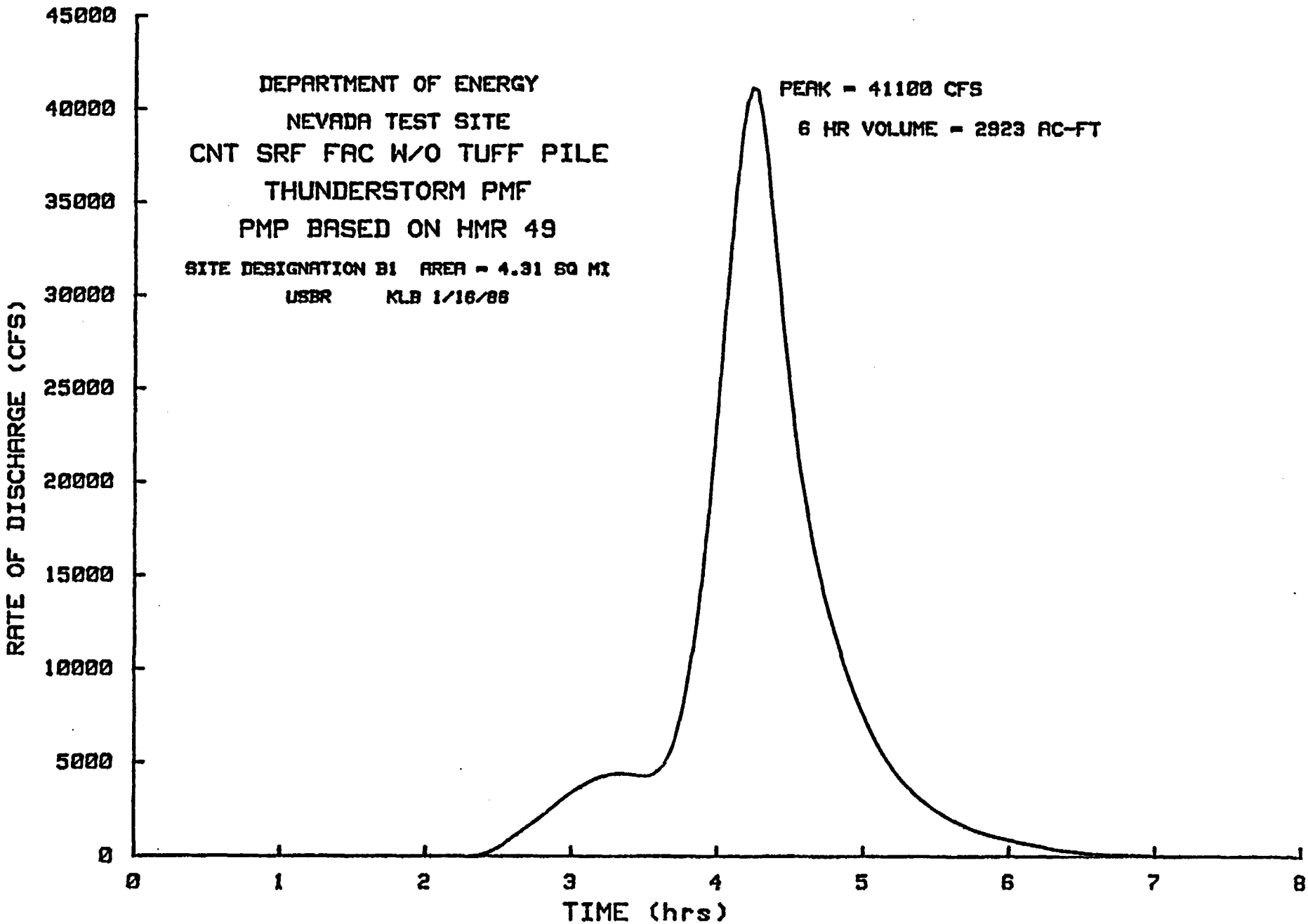

DEPARTMENT OF ENERGY
NEVADA TEST SITE
CNT SRF FAC W/O TUFF PILE
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION B1 AREA = 4.31 SQ MI
USBR KLB 1/16/86
PEAK = 41100 CFS
6 HR VOLUME = 2923 AC-FT
RATE OF DISCHARGE (CFS)
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
0
1
2
3
4
5
6
7
8
TIME (hrs)

PLATE 33

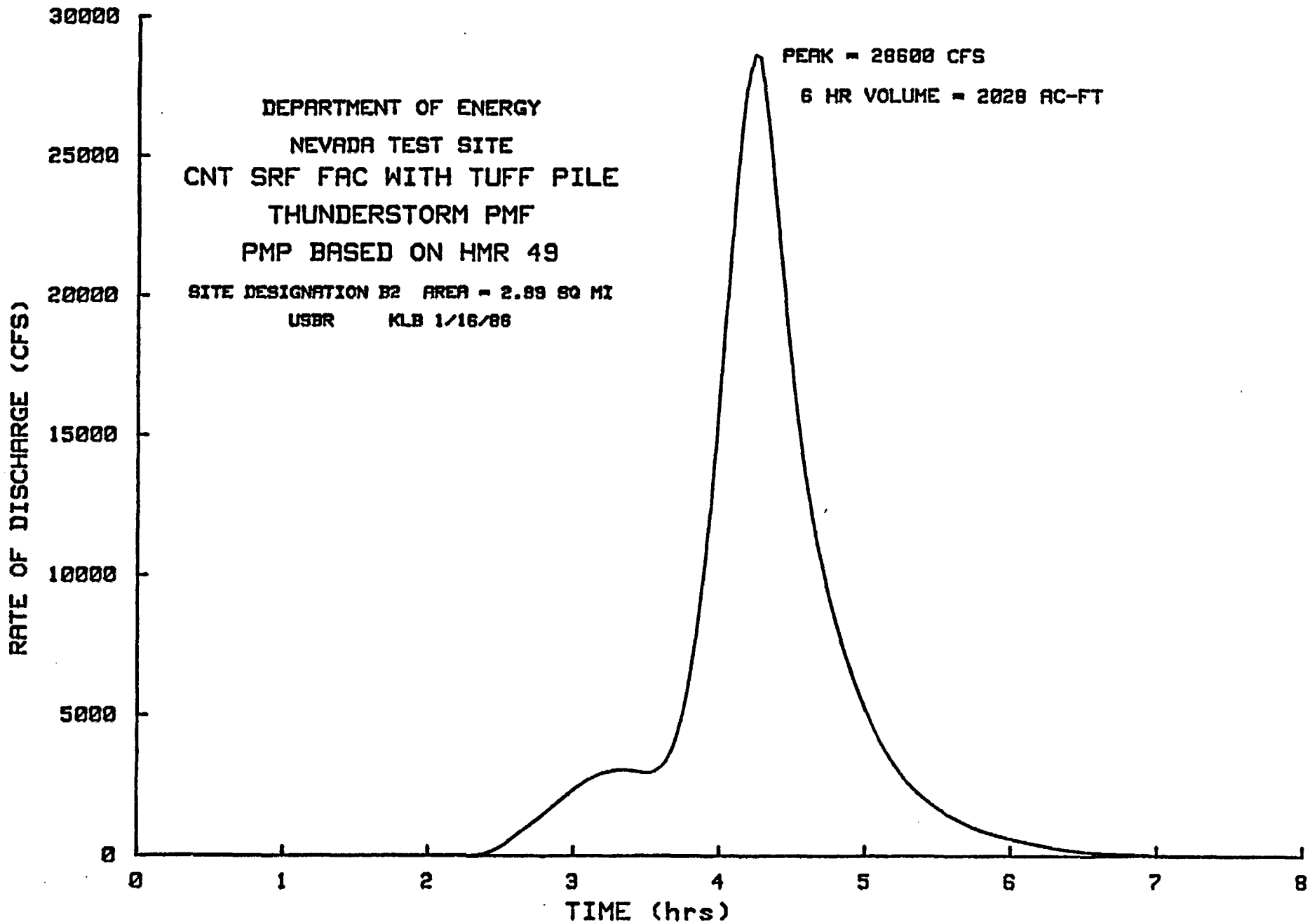

DEPARTMENT OF ENERGY
NEVADA TEST SITE
CNT SRF FAC WITH TUFF PILE
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION B2 AREA = 2.89 SQ MI
USBR KLB 1/16/86
PEAK = 28600 CFS
6 HR VOLUME = 2028 AC-FT
RATE OF DISCHARGE (CFS)
30000
25000
20000
15000
10000
5000
0
0
1
2
3
4
5
6
7
8
TIME (hrs)

PLATE 34

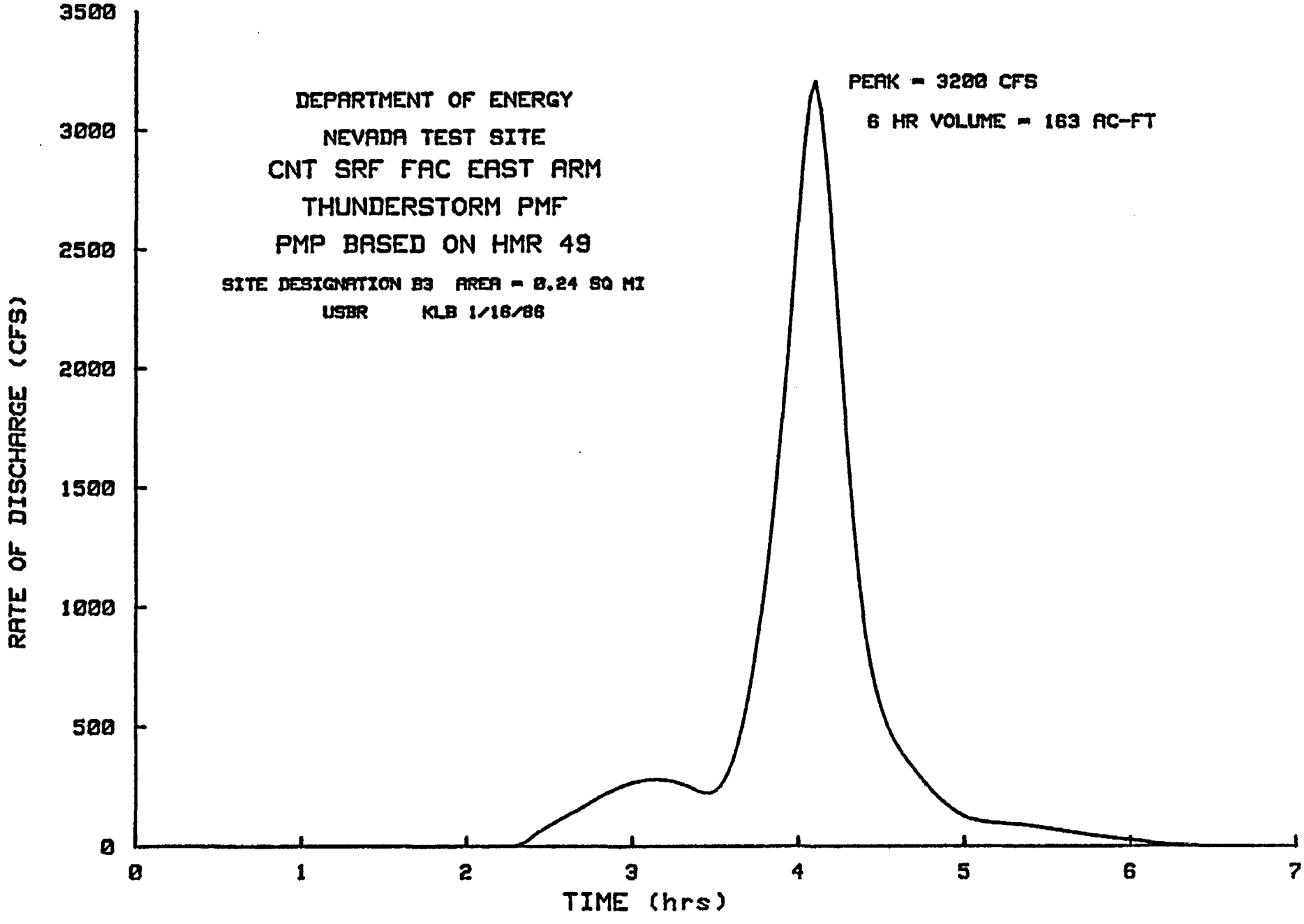

DEPARTMENT OF ENERGY
NEVADA TEST SITE
CNT SRF FAC EAST ARM
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION B3 AREA = 0.24 SQ MI
USBR KLB 1/16/86
PEAK = 3200 CFS
6 HR VOLUME = 163 AC-FT
RATE OF DISCHARGE (CFS)
3500
3000
2500
2000
1500
1000
500
0
0
1
2
3
4
5
6
7
TIME (hrs)

PLATE 35

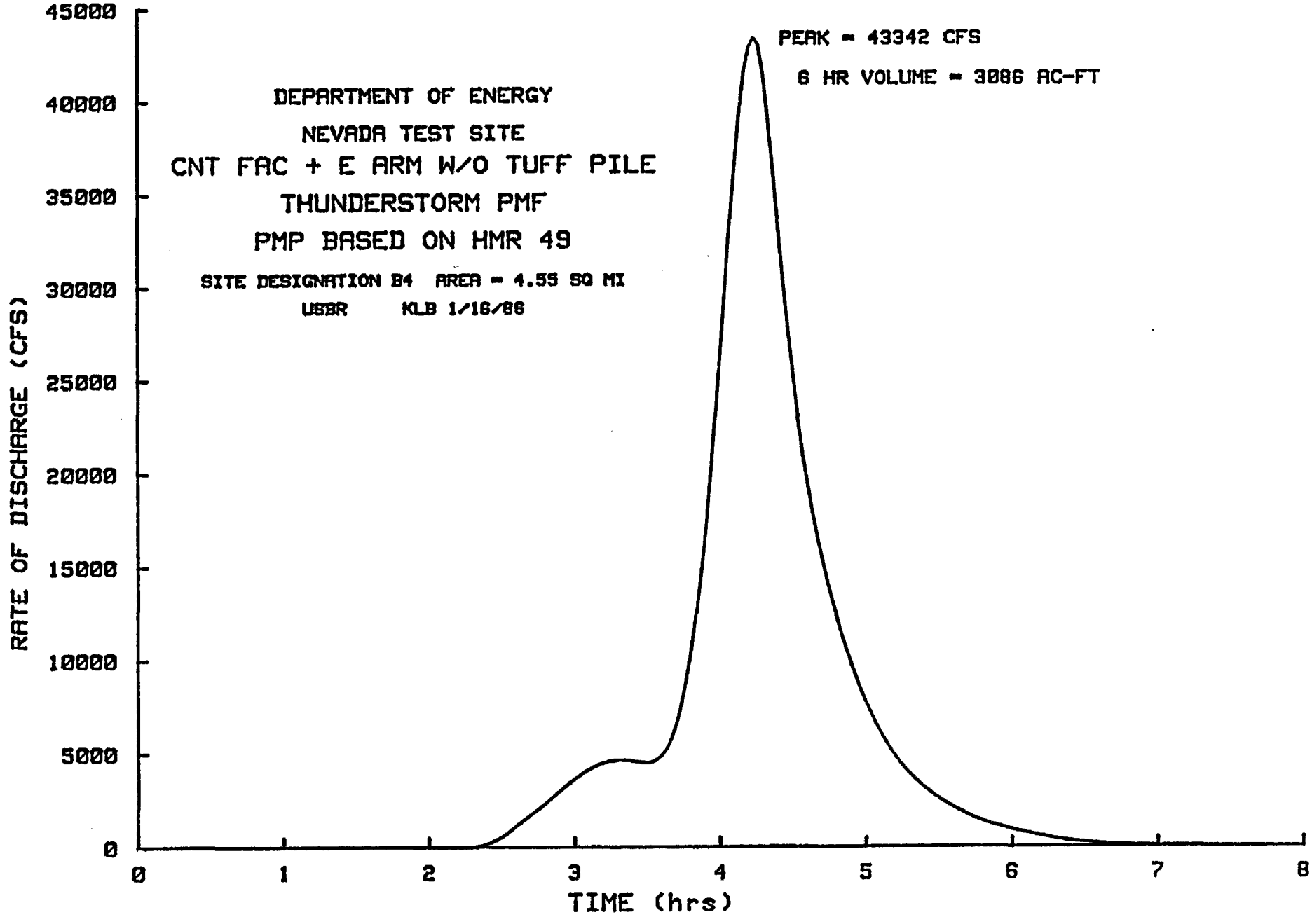

DEPARTMENT OF ENERGY
NEVADA TEST SITE
CNT FAC + E ARM W/O TUFF PILE
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION B4 AREA = 4.55 SQ MI
USBR KLB 1/16/86
PEAK = 43342 CFS
6 HR VOLUME = 3086 AC-FT
RATE OF DISCHARGE (CFS)
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
0
1
2
3
4
5
6
7
8
TIME (hrs)

PLATE 36

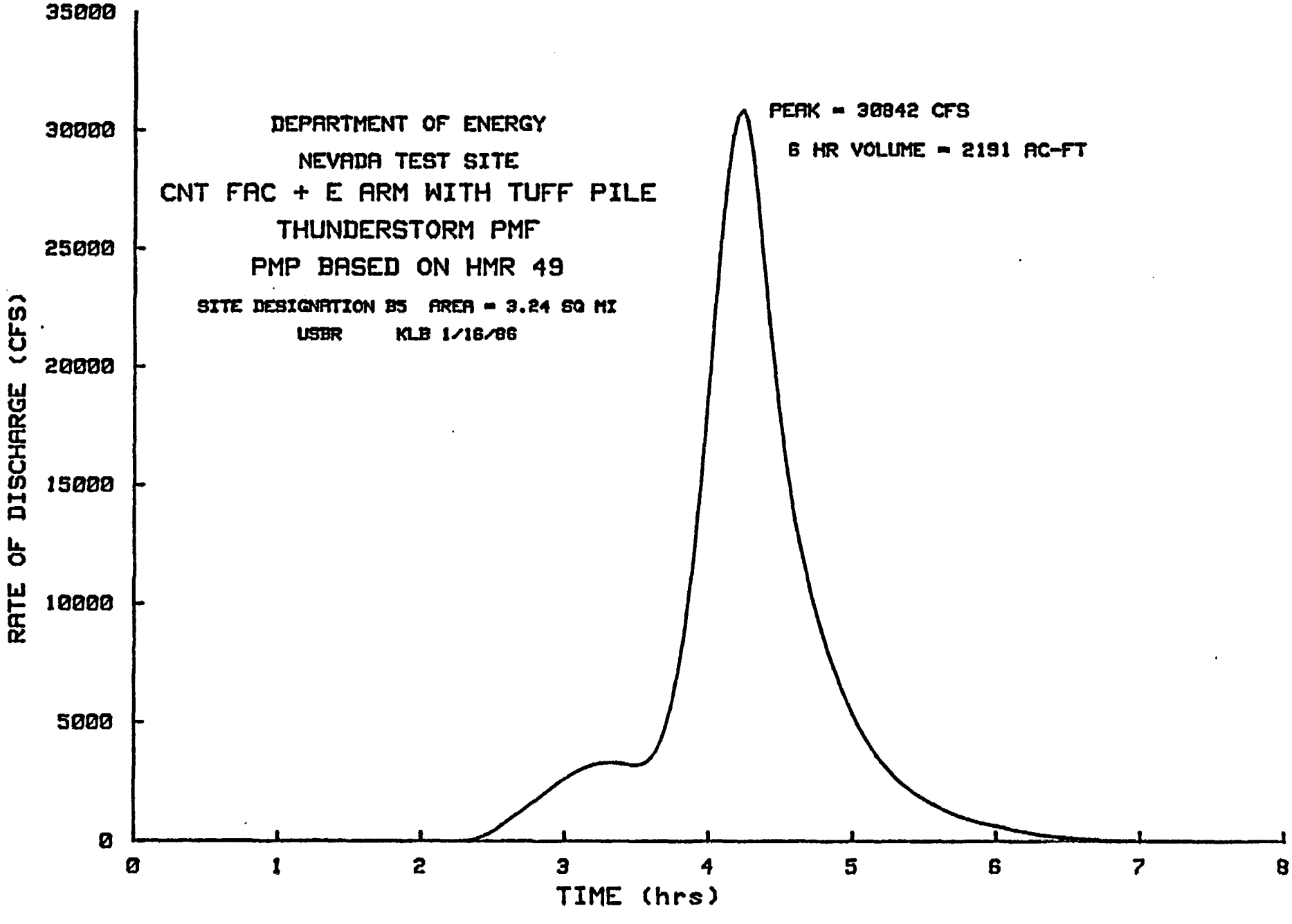

DEPARTMENT OF ENERGY
NEVADA TEST SITE
CNT FAC + E ARM WITH TUFF PILE
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION B5 AREA = 3.24 SQ MI
USBR KLB 1/16/86
PEAK = 30842 CFS
6 HR VOLUME = 2191 AC-FT
RATE OF DISCHARGE (CFS)
35000
30000
25000
20000
15000
10000
5000
0
0
1
2
3
4
5
6
7
8
TIME (hrs)

PLATE 37

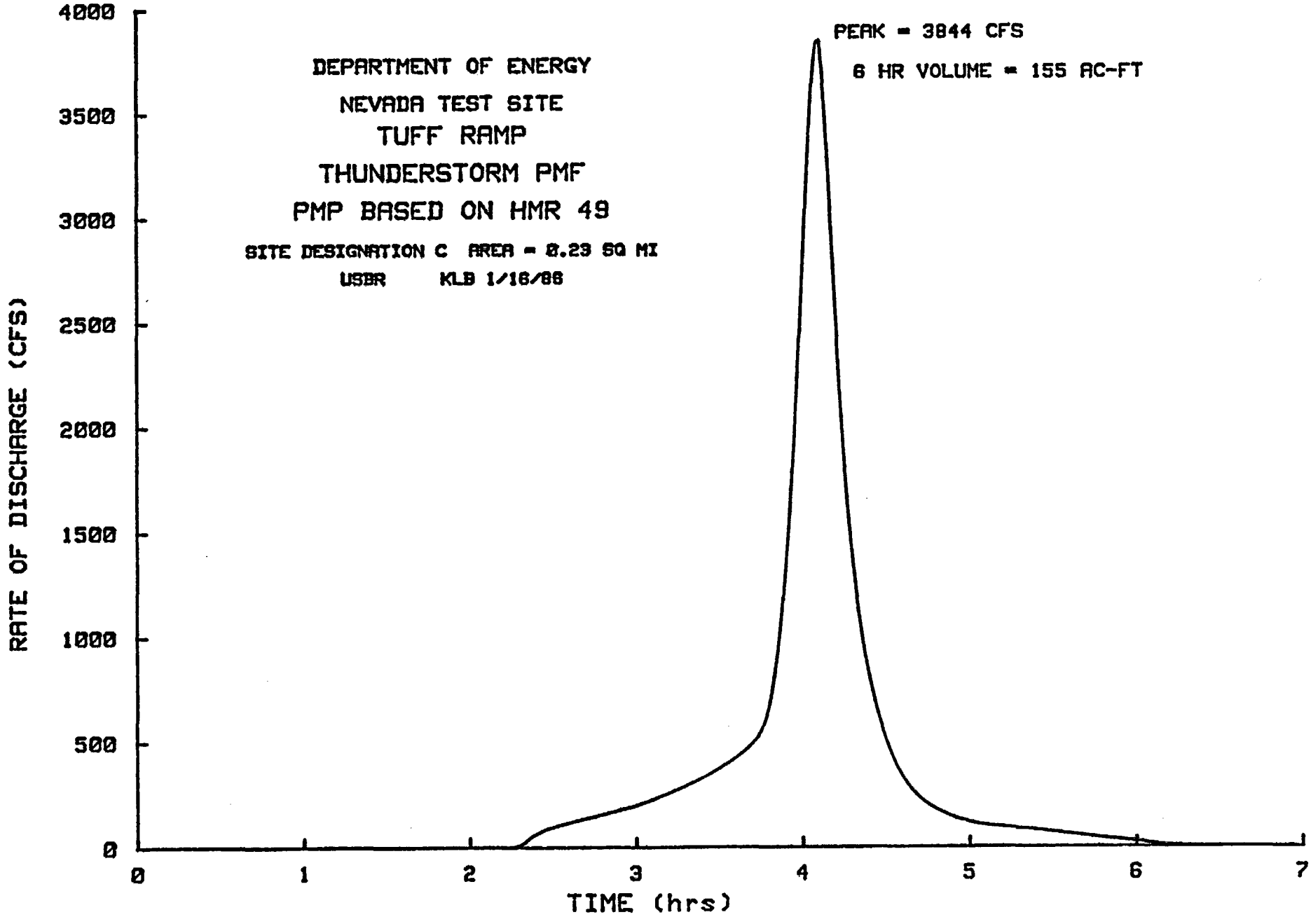

DEPARTMENT OF ENERGY
NEVADA TEST SITE
TUFF RAMP
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION C AREA = 0.23 SQ MI
USBR KLB 1/16/86
PEAK = 3844 CFS
6 HR VOLUME = 155 AC-FT
RATE OF DISCHARGE (CFS)
4000
3500
3000
2500
2000
1500
1000
500
0
0
1
2
3
4
5
6
7
TIME (hrs)

PLATE 38

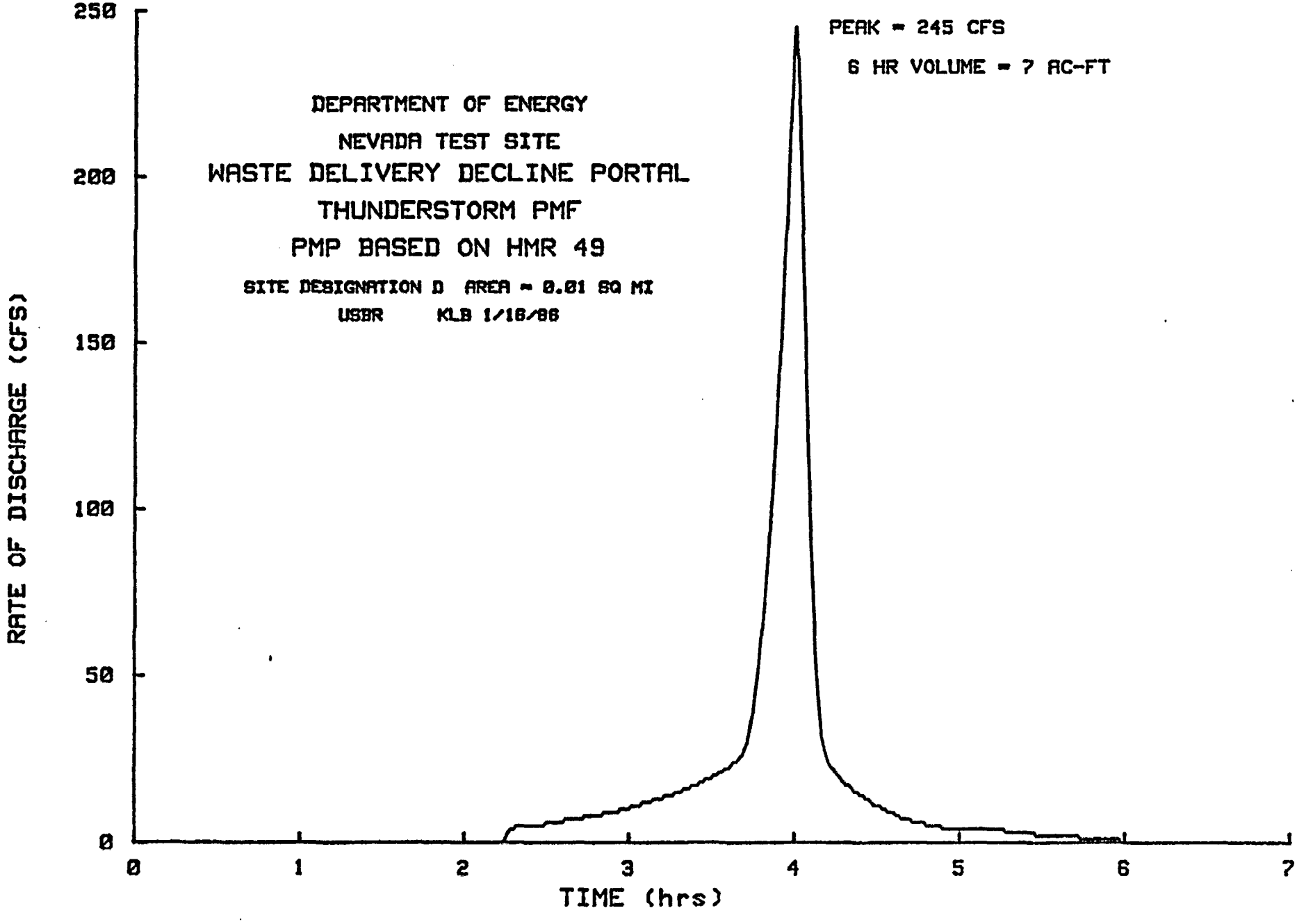

DEPARTMENT OF ENERGY
NEVADA TEST SITE
WASTE DELIVERY DECLINE PORTAL
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION D AREA = 0.01 SQ MI
USBR KLB 1/16/86
PEAK = 245 CFS
6 HR VOLUME = 7 AC-FT
RATE OF DISCHARGE (CFS)
250
200
150
100
50
0
0
1
2
3
4
5
6
7
TIME (hrs)

PLATE 39

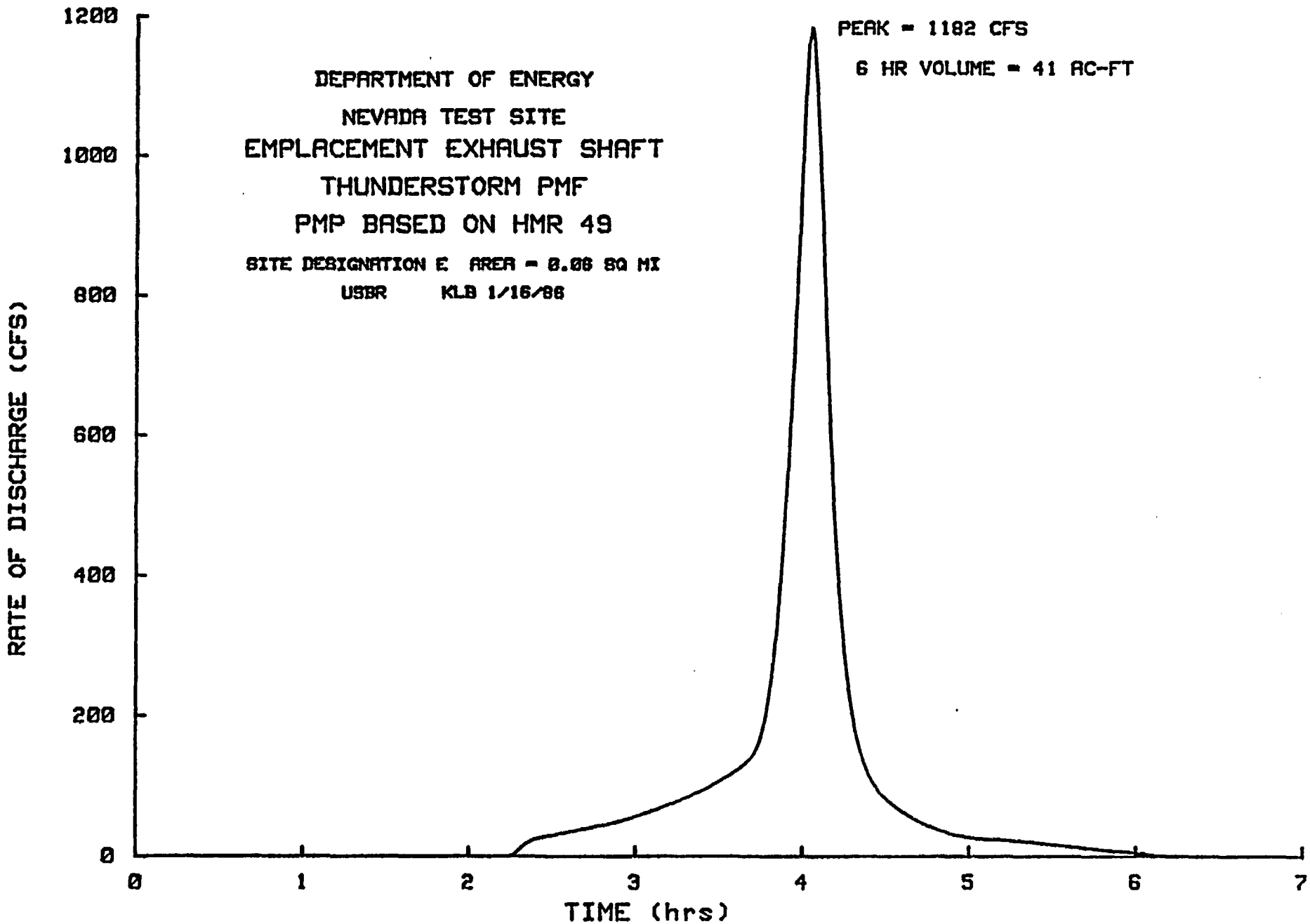

DEPARTMENT OF ENERGY
NEVADA TEST SITE
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION E AREA = 0.06 SQ MI
USBR KLB 1/16/86
PEAK = 1182 CFS
6 HR VOLUME = 41 AC-FT
RATE OF DISCHARGE (CFS)
1200
1000
800
600
400
200
0
0
1
2
3
4
5
6
7
TIME (hrs)

PLATE 40

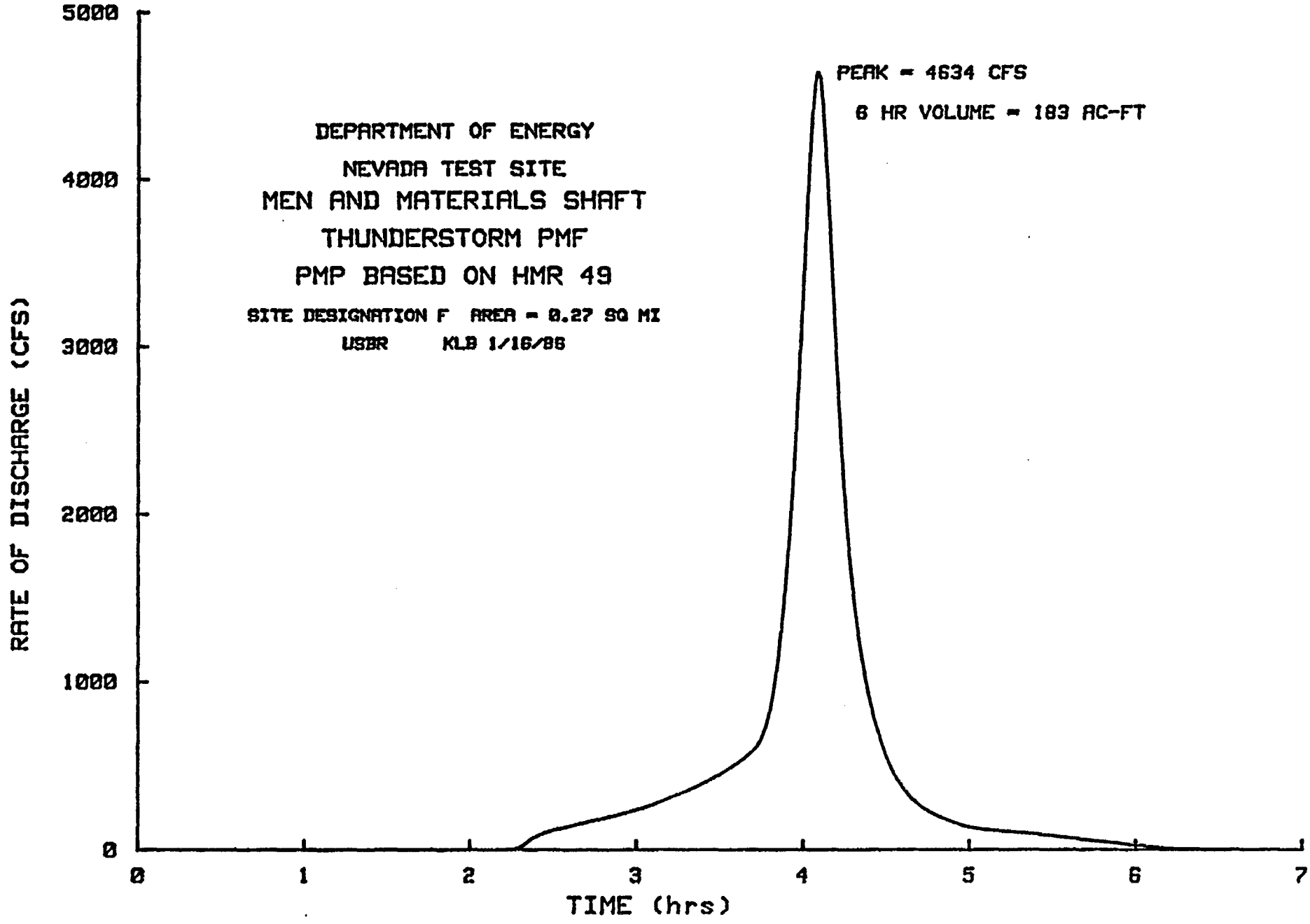

DEPARTMENT OF ENERGY
NEVADA TEST SITE
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION F AREA = 0.27 SQ MI
USBR KLB 1/16/86
PEAK = 4634 CFS
6 HR VOLUME = 183 AC-FT
RATE OF DISCHARGE (CFS)
5000
4000
3000
2000
1000
0
0
1
2
3
4
5
6
7
TIME (hrs)

PLATE 41

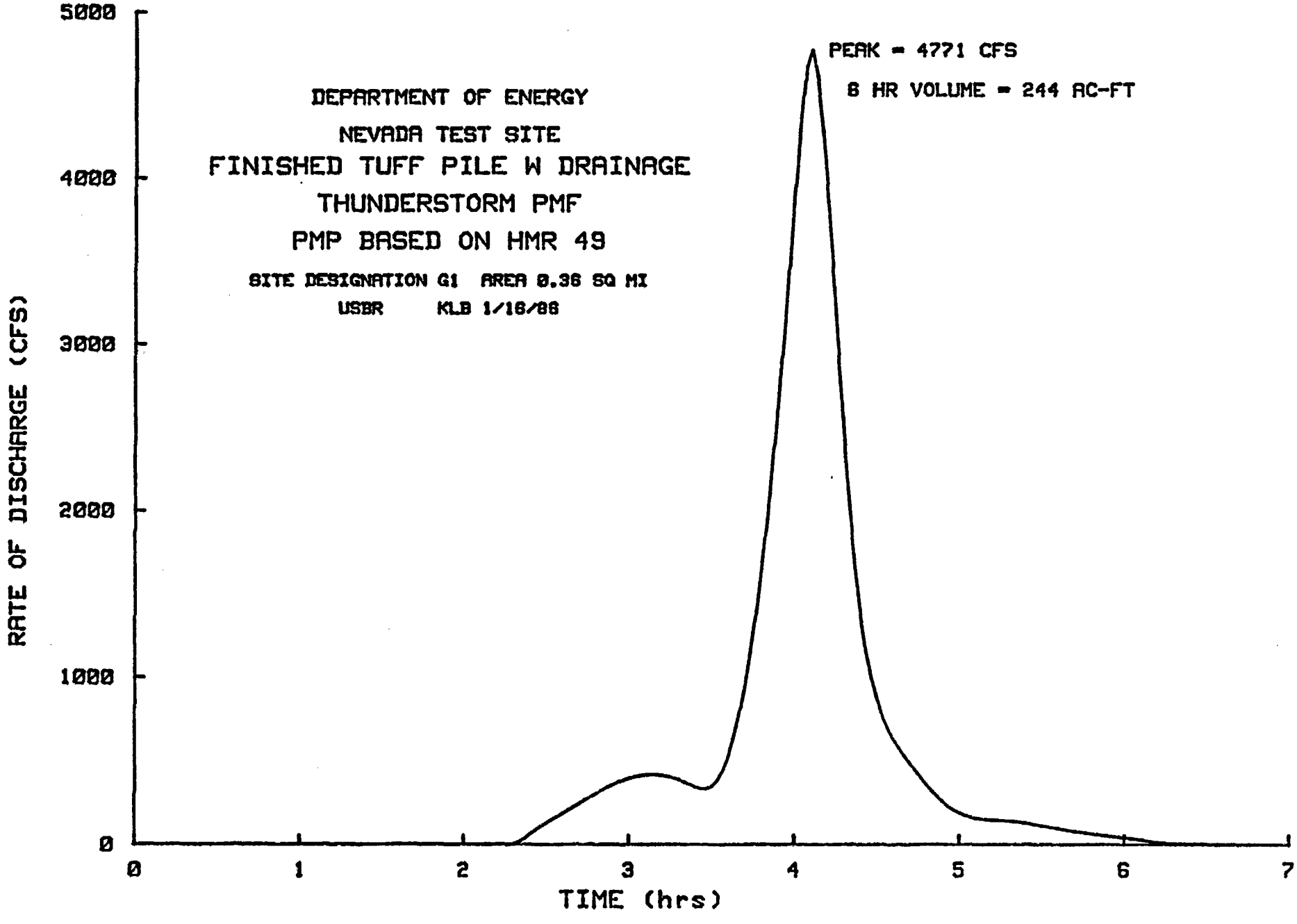

DEPARTMENT OF ENERGY
NEVADA TEST SITE
FINISHED TUFF PILE W DRAINAGE
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION G1 AREA 0.36 SQ MI
USBR KLB 1/16/86
PEAK = 4771 CFS
6 HR VOLUME = 244 AC-FT
RATE OF DISCHARGE (CFS)
5000
4000
3000
2000
1000
0
0
1
2
3
4
5
6
7
TIME (hrs)

PLATE 42

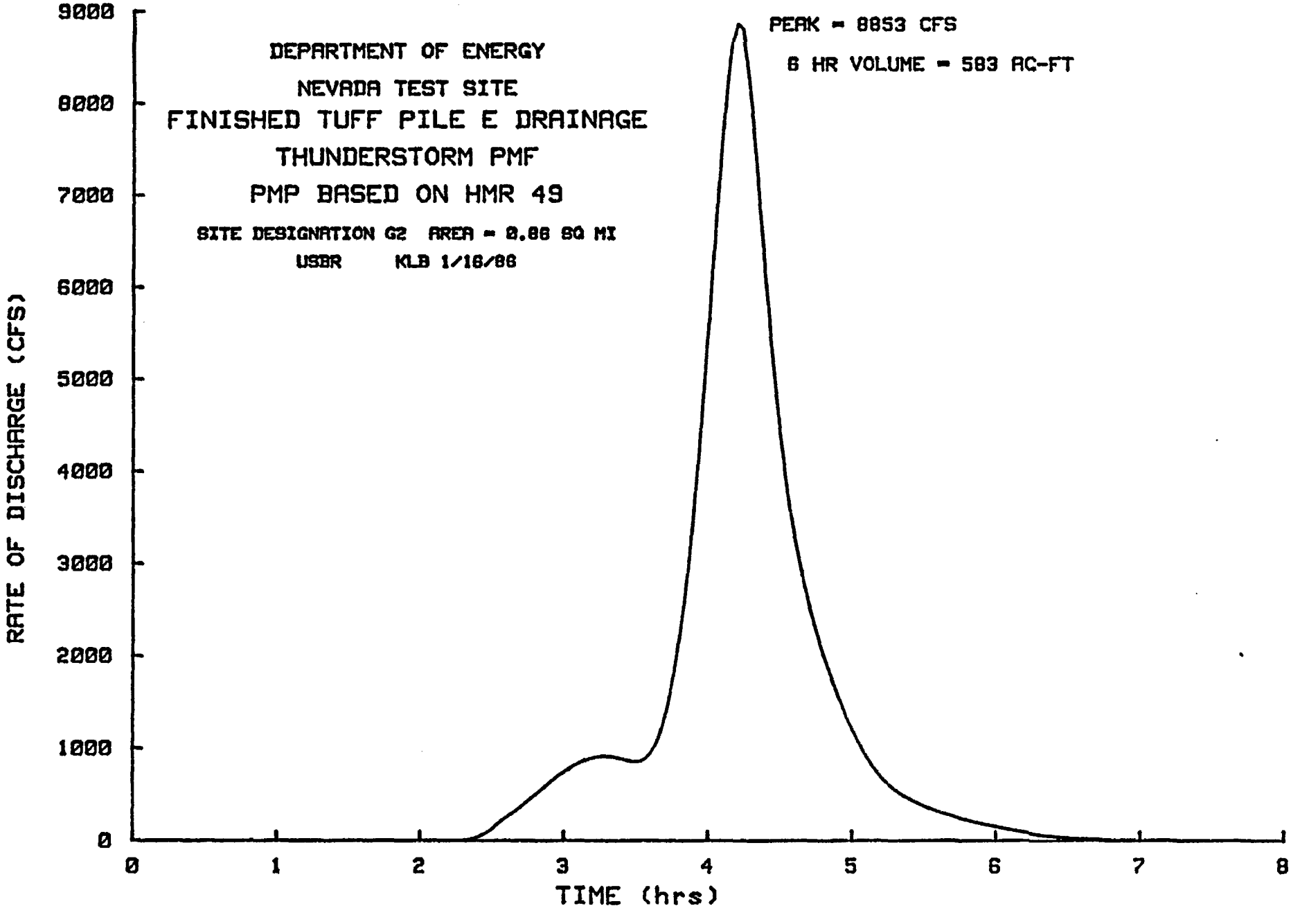

DEPARTMENT OF ENERGY
NEVADA TEST SITE
FINISHED TUFF PILE E DRAINAGE
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION G2 AREA = 0.86 SQ MI
USBR KLB 1/16/86
PEAK = 8853 CFS
6 HR VOLUME = 583 AC-FT
RATE OF DISCHARGE (CFS)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
1
2
3
4
5
6
7
8
TIME (hrs)

PLATE 43

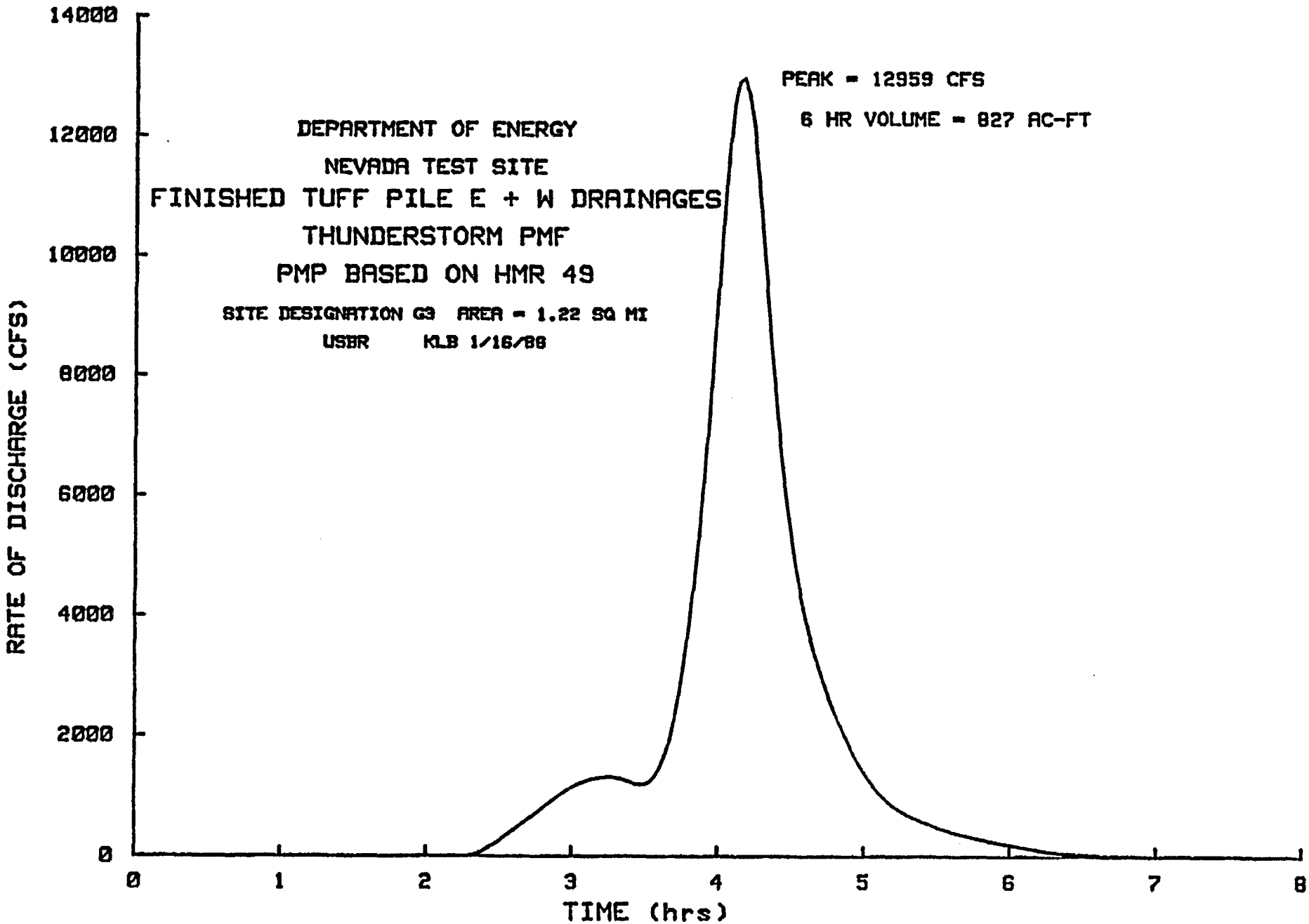

DEPARTMENT OF ENERGY
NEVADA TEST SITE
FINISHED TUFF PILE E + W DRAINAGES
THUNDERSTORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION G3 AREA = 1.22 SQ MI
USBR KLB 1/16/88
PEAK = 12959 CFS
6 HR VOLUME = 827 AC-FT
RATE OF DISCHARGE (CFS)
14000
12000
10000
8000
6000
4000
2000
0
0
1
2
3
4
5
6
7
8
TIME (hrs)

PLATE 44

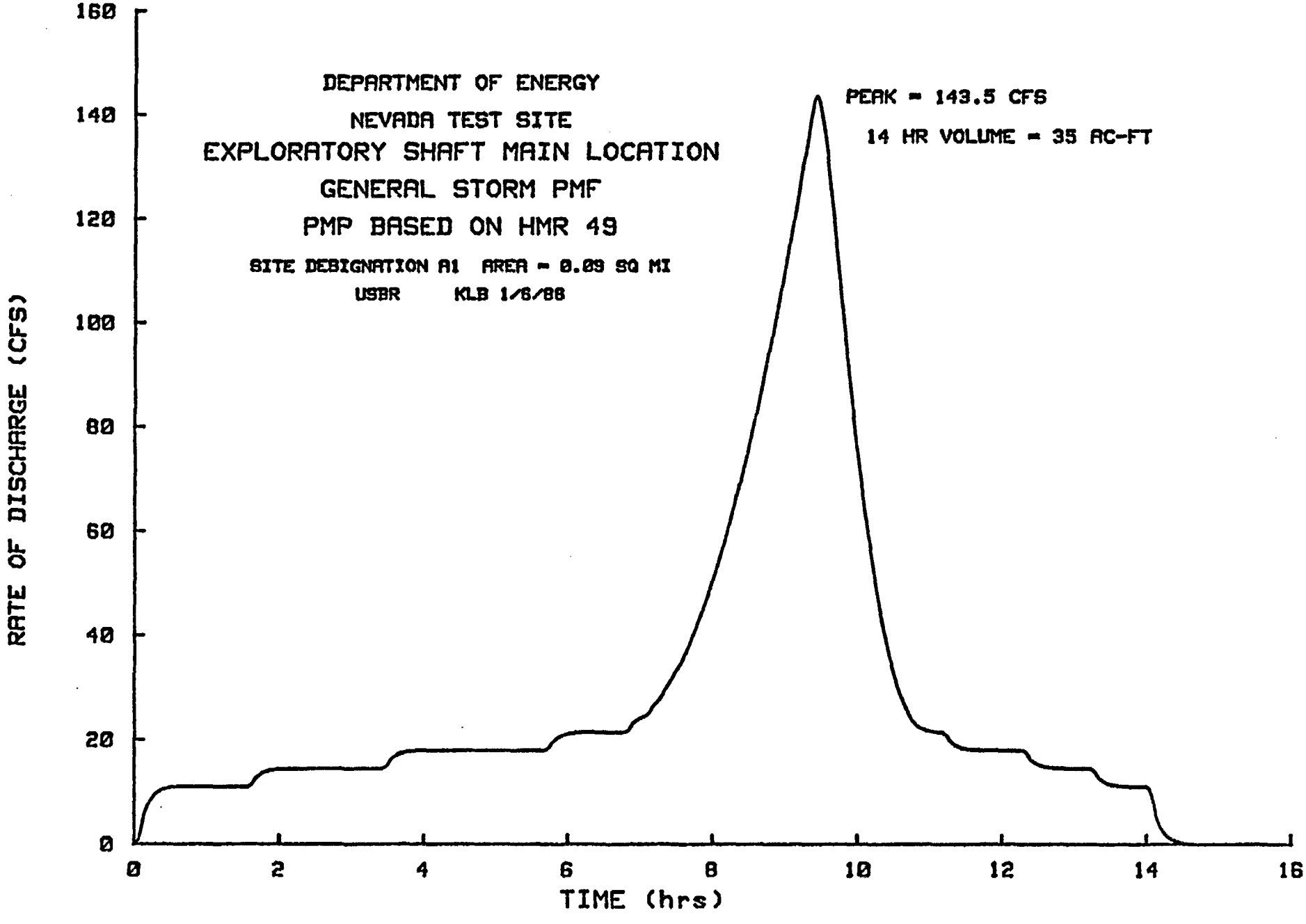

DEPARTMENT OF ENERGY
NEVADA TEST SITE
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DEBIGNATION A1 AREA = 0.09 SQ MI
USBR KLB 1/6/86
PEAK = 143.5 CFS
14 HR VOLUME = 35 AC-FT
RATE OF DISCHARGE (CFS)
TIME (hrs)
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

PLATE 45

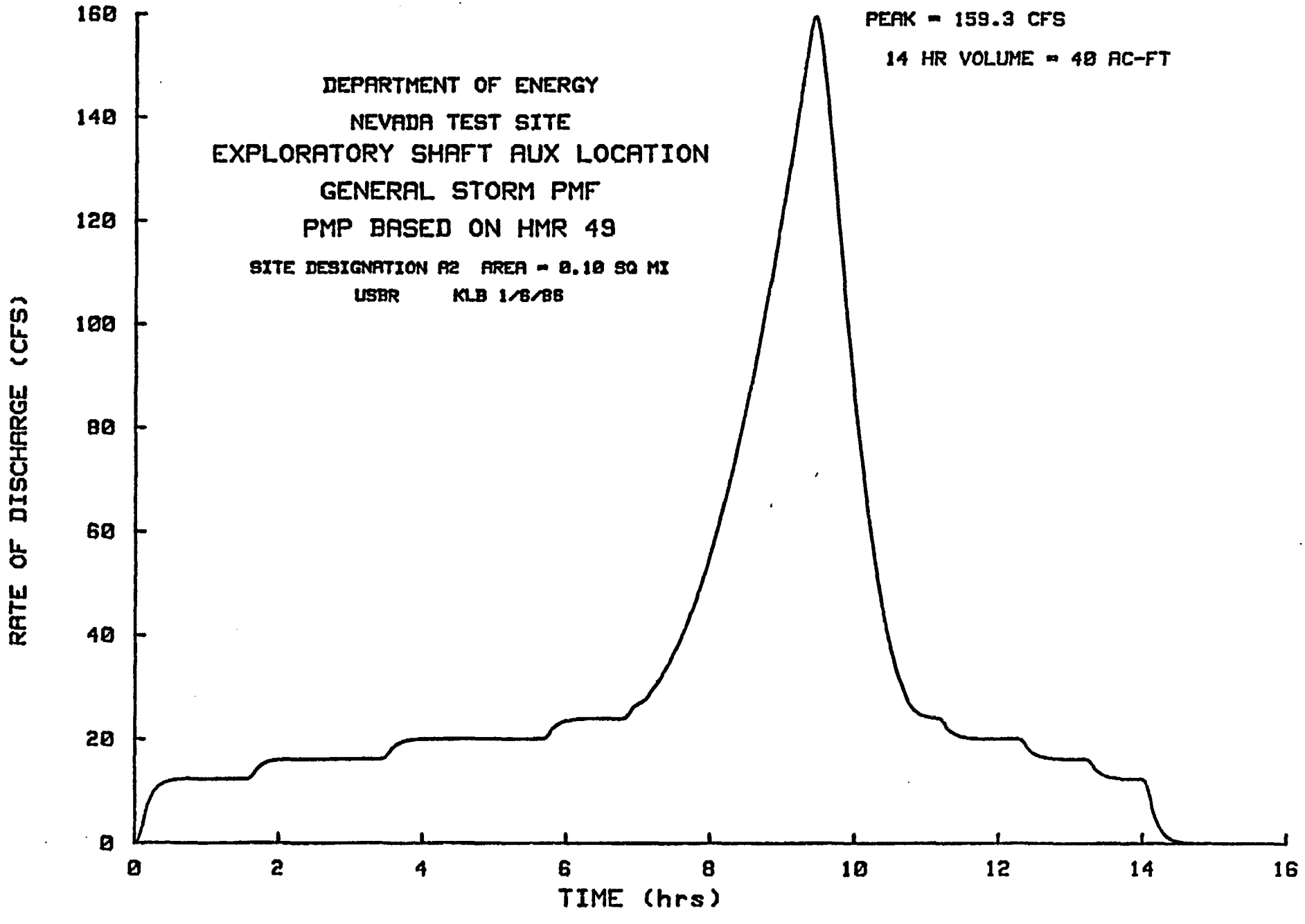

DEPARTMENT OF ENERGY
NEVADA TEST SITE
EXPLORATORY SHAFT AUX LOCATION
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION A2 AREA = 0.10 SQ MI
USBR KLB 1/6/86
PEAK = 159.3 CFS
14 HR VOLUME = 40 AC-FT
RATE OF DISCHARGE (CFS)
TIME (hrs)
0
20
40
60
80
100
120
140
160
0
2
4
6
8
10
12
14
16

PLATE 46

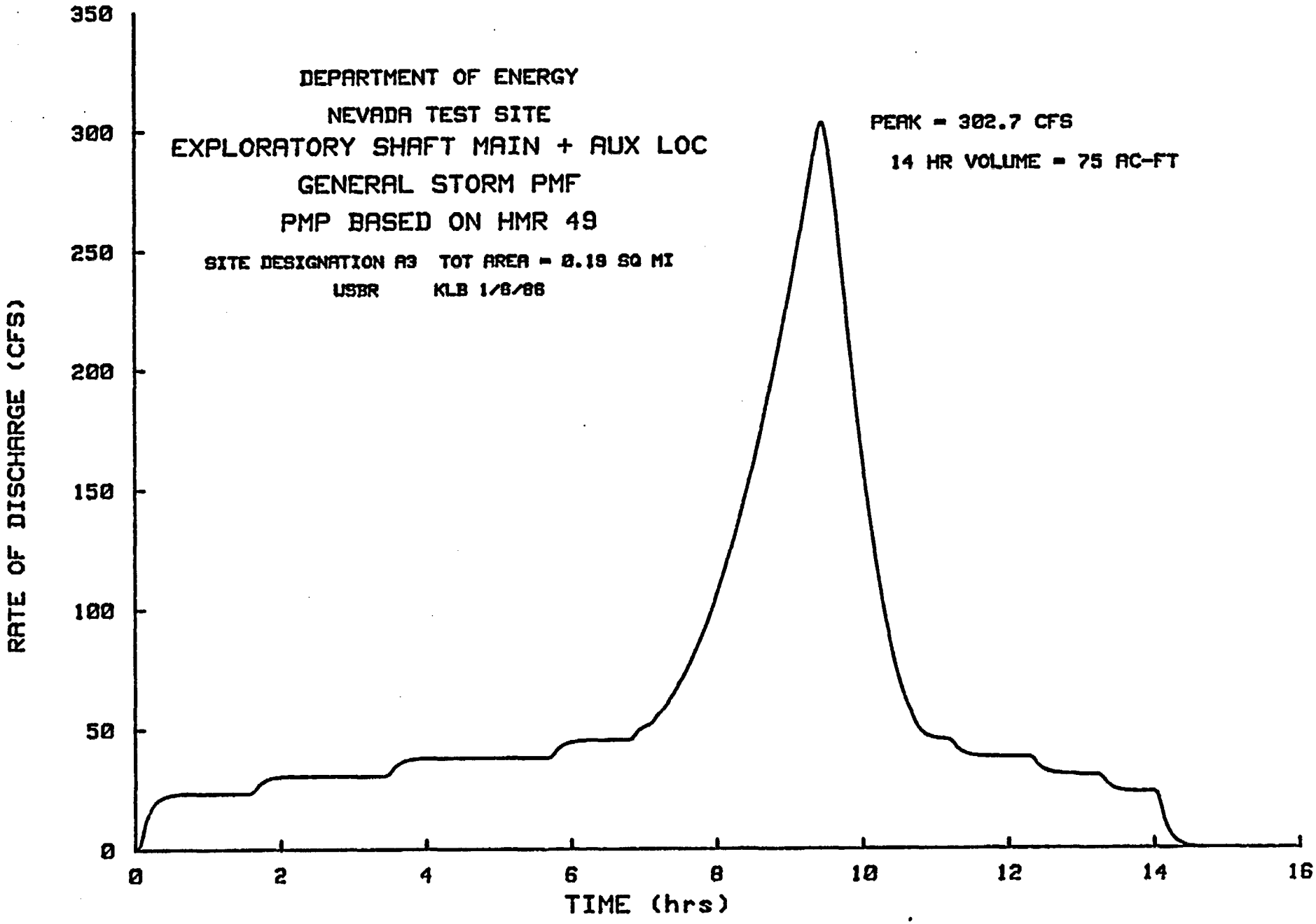

DEPARTMENT OF ENERGY
NEVADA TEST SITE
EXPLORATORY SHAFT MAIN + AUX LOC
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION A3 TOT AREA = 0.19 SQ MI
USBR KLB 1/8/86
PEAK = 302.7 CFS
14 HR VOLUME = 75 AC-FT
RATE OF DISCHARGE (CFS)
350
300
250
200
150
100
50
0
0
2
4
6
8
10
12
14
16
TIME (hrs)

PLATE 47

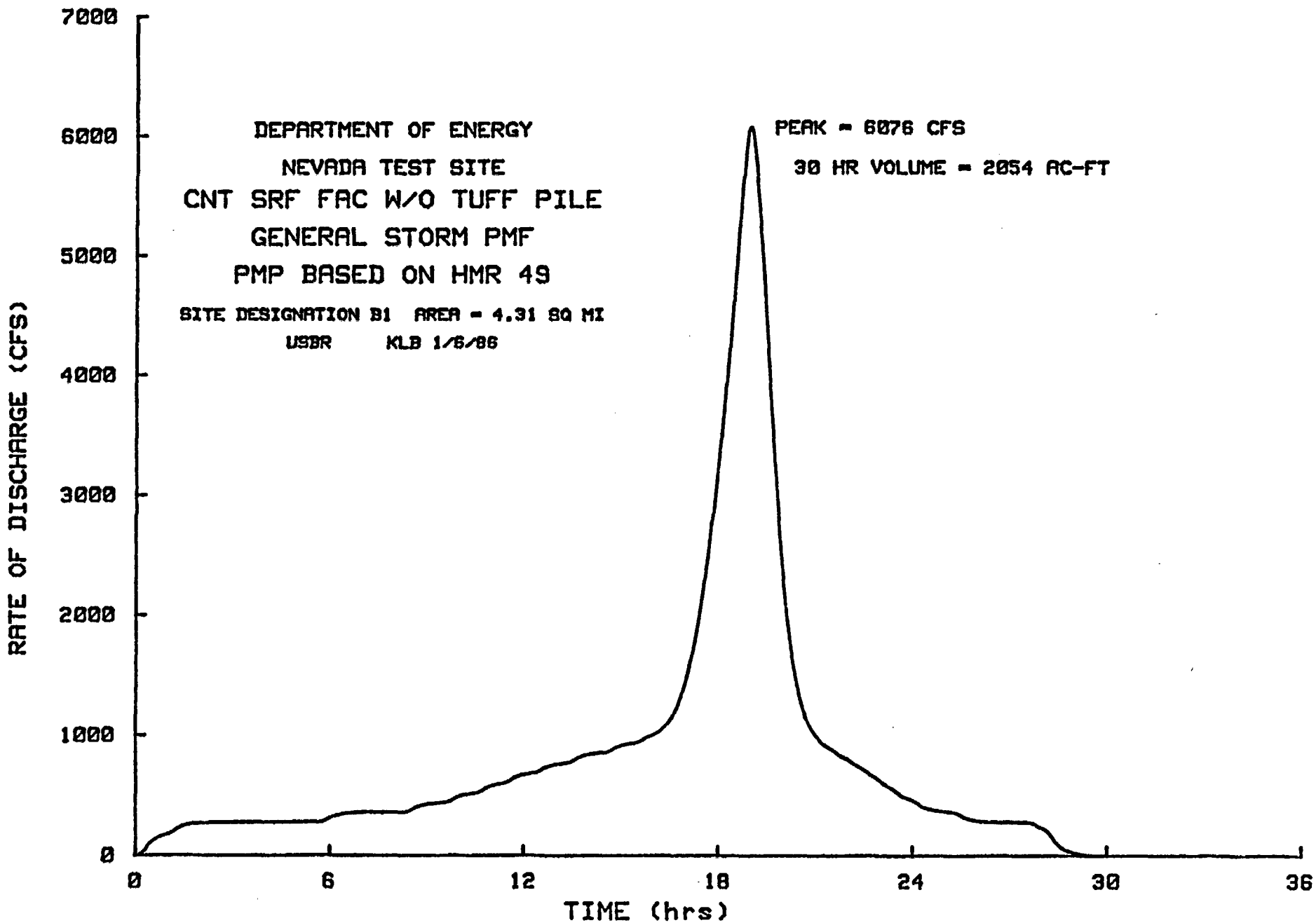

DEPARTMENT OF ENERGY
NEVADA TEST SITE
CNT SRF FAC W/O TUFF PILE
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION B1 AREA = 4.31 SQ MI
USBR KLB 1/6/86
PEAK = 6076 CFS
30 HR VOLUME = 2054 AC-FT
RATE OF DISCHARGE (CFS)
7000
6000
5000
4000
3000
2000
1000
0
0
6
12
18
24
30
36
TIME (hrs)

PLATE 48

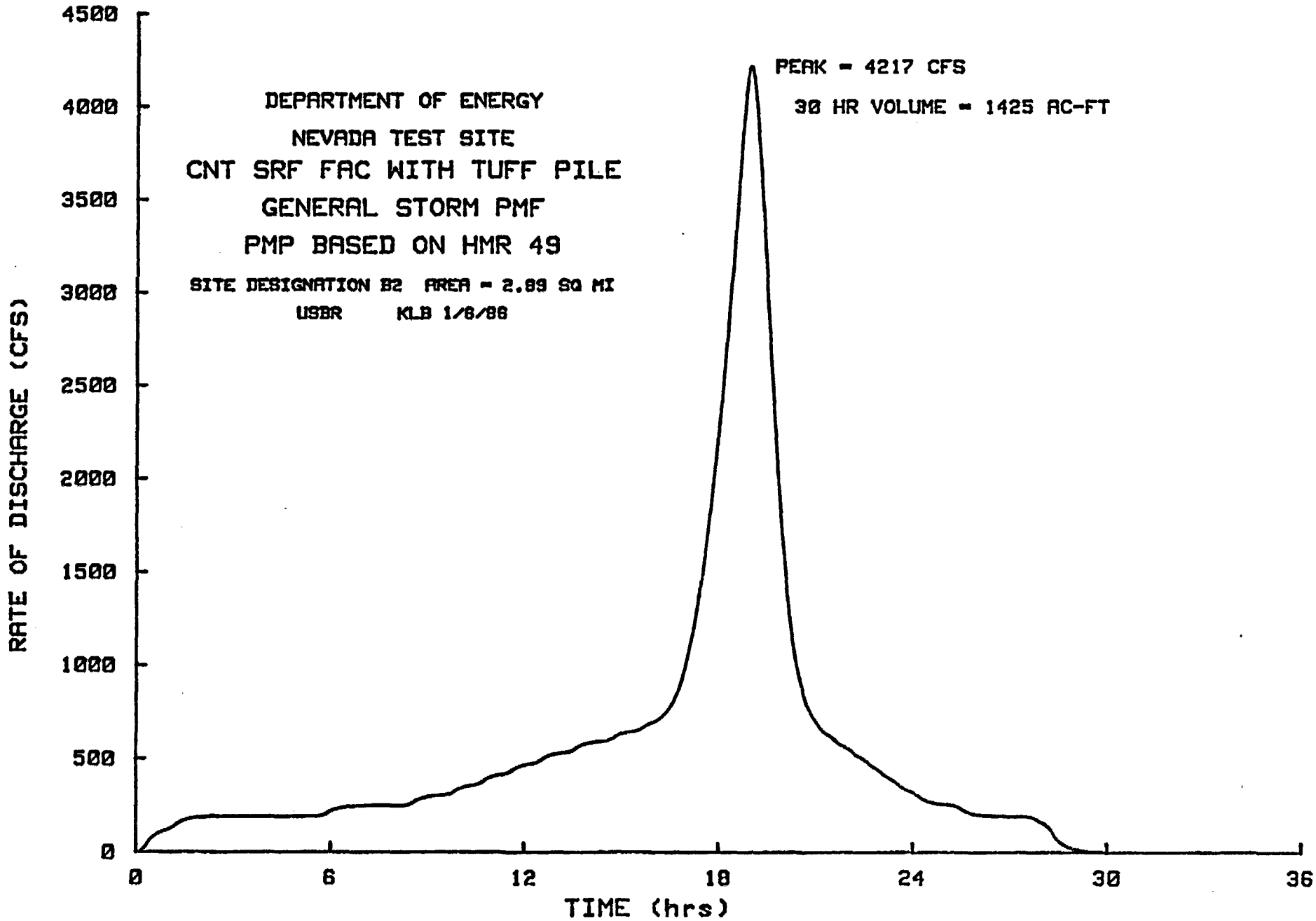

DEPARTMENT OF ENERGY
NEVADA TEST SITE
CNT SRF FAC WITH TUFF PILE
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION B2 AREA = 2.89 SQ MI
USBR KLB 1/6/86
PEAK = 4217 CFS
30 HR VOLUME = 1425 AC-FT
RATE OF DISCHARGE (CFS)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
6
12
18
24
30
36
TIME (hrs)

PLATE 49

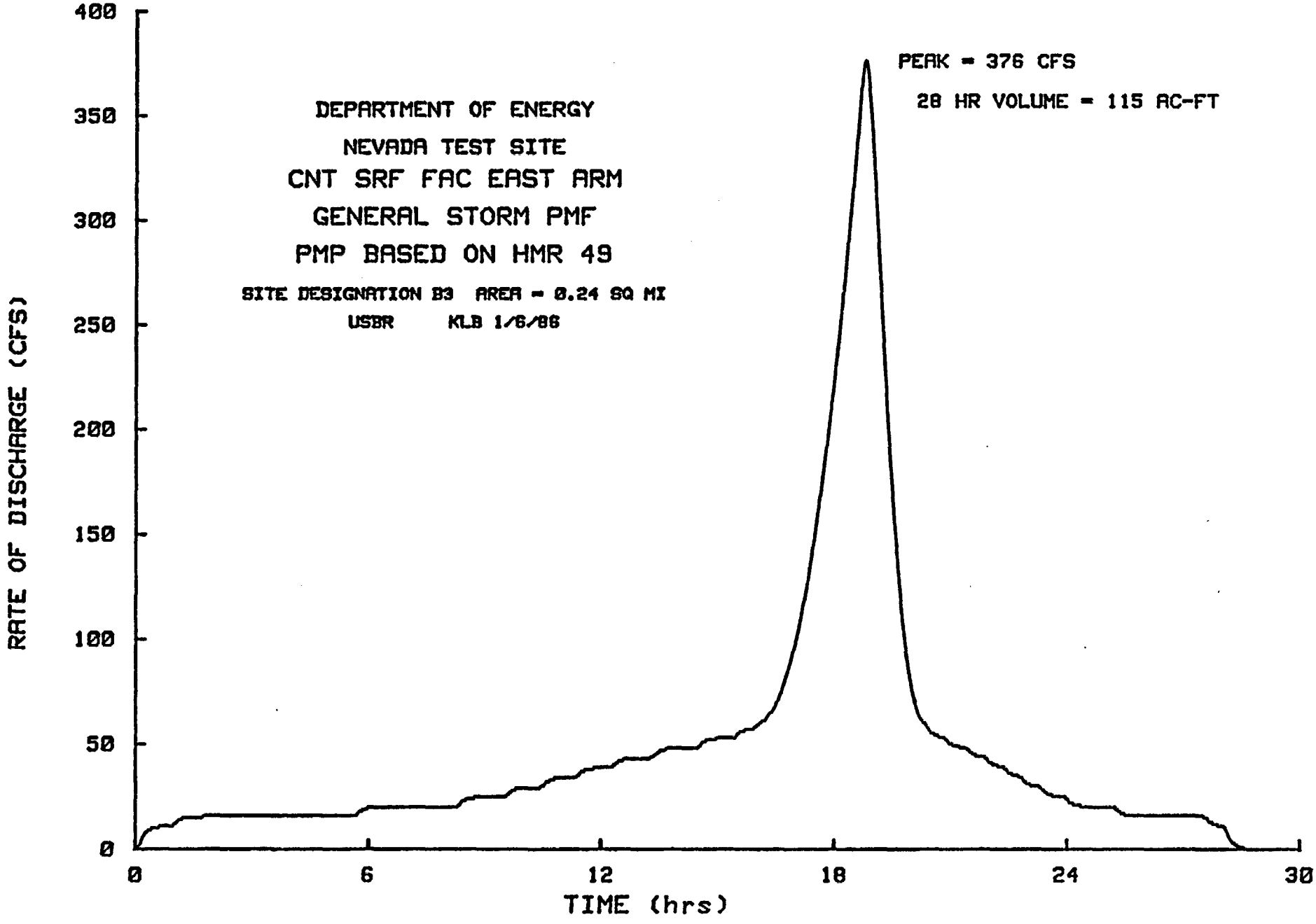

DEPARTMENT OF ENERGY
NEVADA TEST SITE
CNT SRF FAC EAST ARM
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION B3 AREA = 0.24 SQ MI
USBR KLB 1/6/86
PEAK = 376 CFS
28 HR VOLUME = 115 AC-FT
RATE OF DISCHARGE (CFS)
400
350
300
250
200
150
100
50
0
0
6
12
18
24
30
TIME (hrs)

PLATE 50

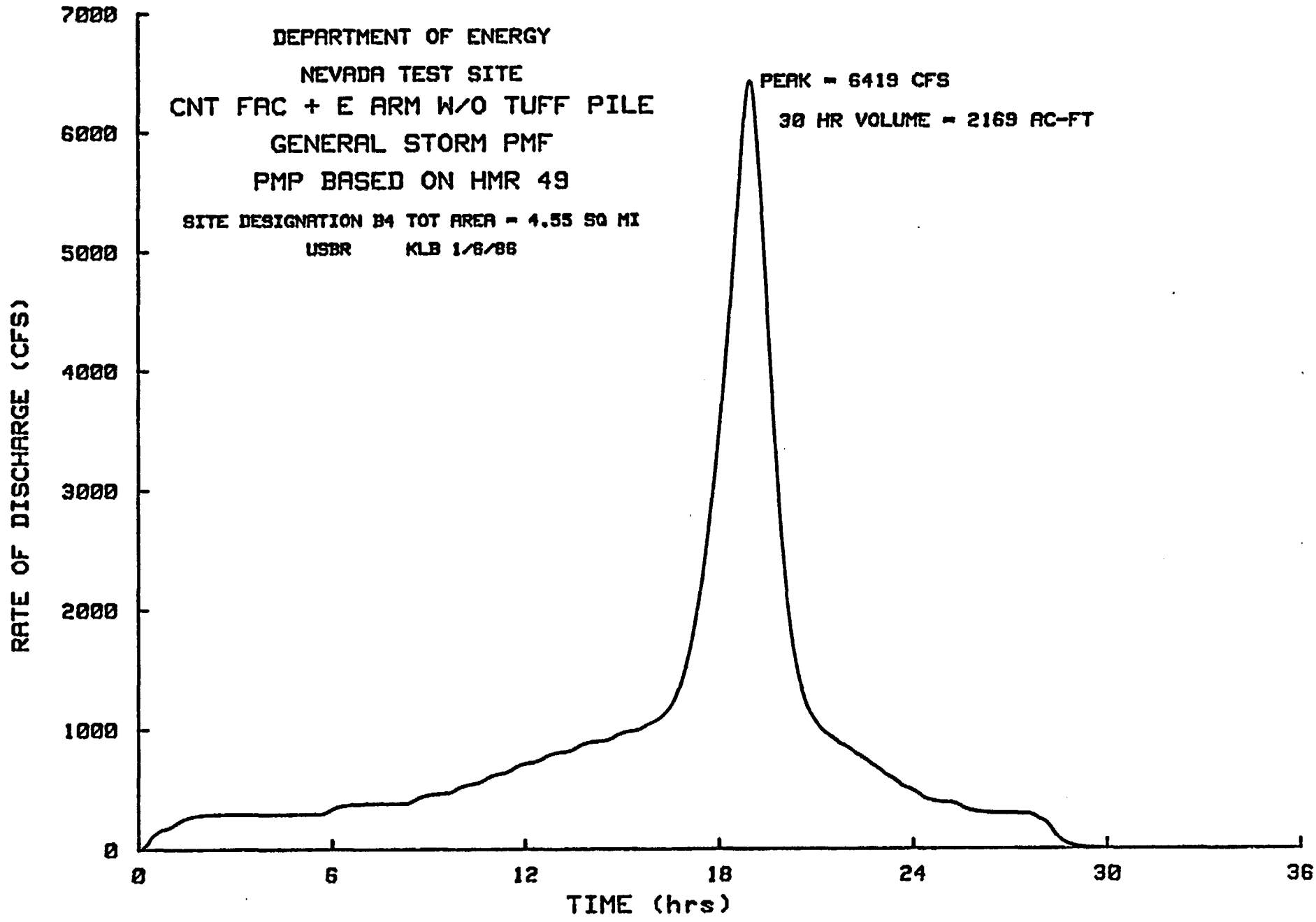

DEPARTMENT OF ENERGY
NEVADA TEST SITE
CNT FAC + E ARM W/O TUFF PILE
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION B4 TOT AREA = 4.55 SQ MI
USBR KLB 1/6/86
PEAK = 6419 CFS
30 HR VOLUME = 2169 AC-FT
RATE OF DISCHARGE (CFS)
7000
6000
5000
4000
3000
2000
1000
0
0
6
12
18
24
30
36
TIME (hrs)

PLATE 51

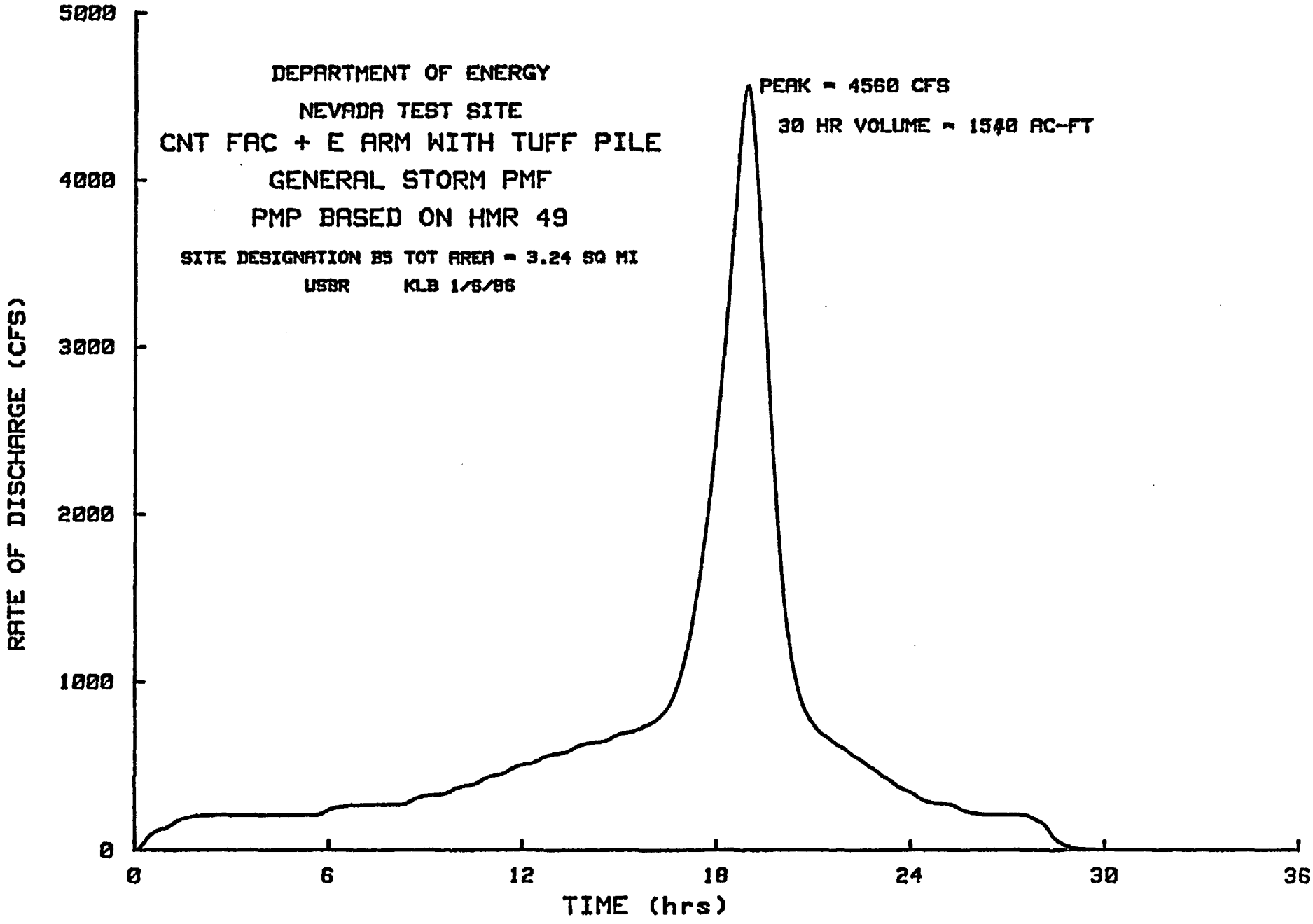

DEPARTMENT OF ENERGY
NEVADA TEST SITE
CNT FAC + E ARM WITH TUFF PILE
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION B5 TOT AREA = 3.24 SQ MI
USBR KLB 1/6/86
PEAK = 4560 CFS
30 HR VOLUME = 1540 AC-FT
RATE OF DISCHARGE (CFS)
5000
4000
3000
2000
1000
0
0
6
12
18
24
30
36
TIME (hrs)

PLATE 52

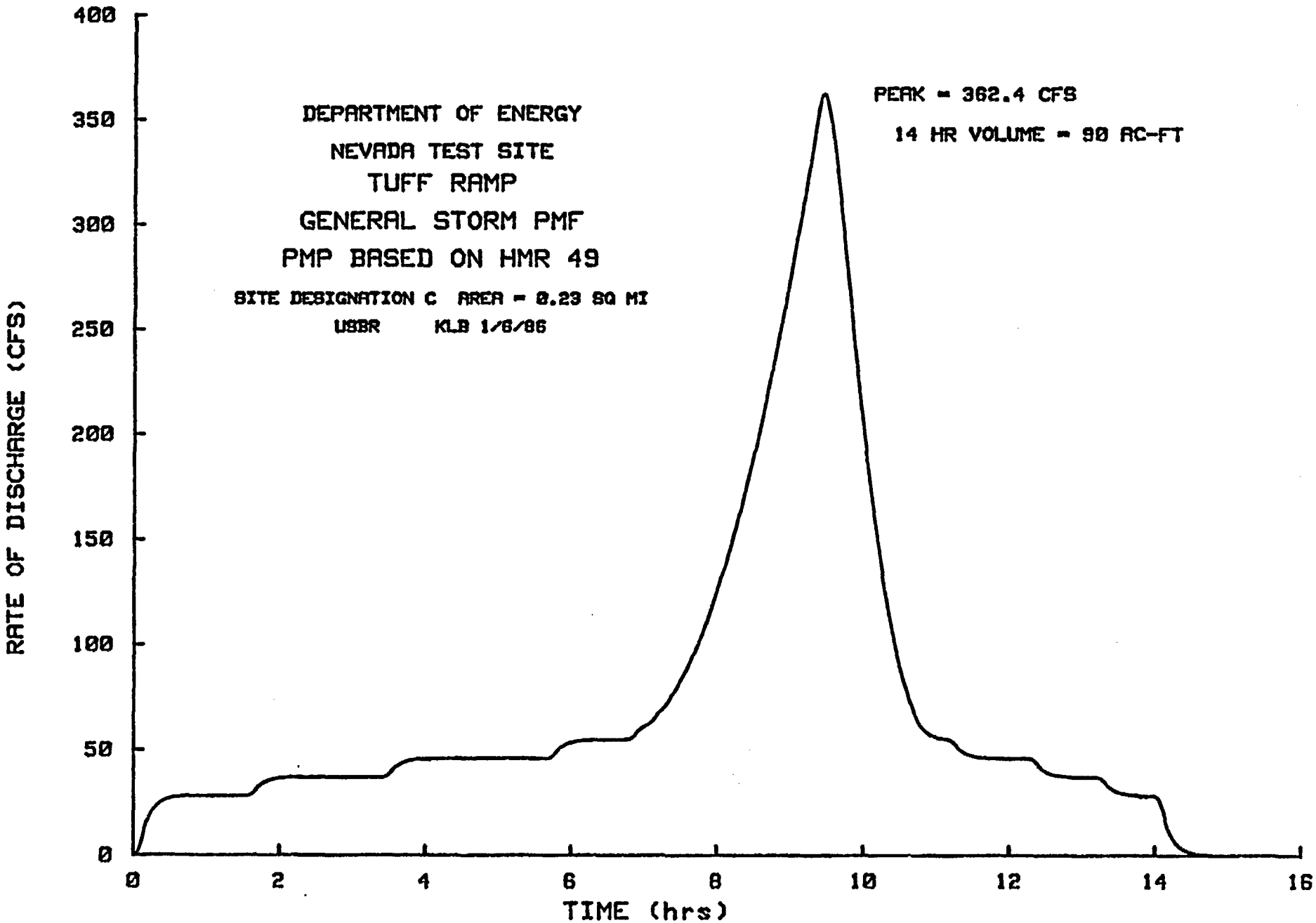

DEPARTMENT OF ENERGY
NEVADA TEST SITE
TUFF RAMP
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION C AREA = 0.23 SQ MI
USBR KLB 1/6/86
PEAK = 362.4 CFS
14 HR VOLUME = 90 AC-FT
RATE OF DISCHARGE (CFS)
400
350
300
250
200
150
100
50
0
0
2
4
6
8
10
12
14
16
TIME (hrs)

PLATE 53

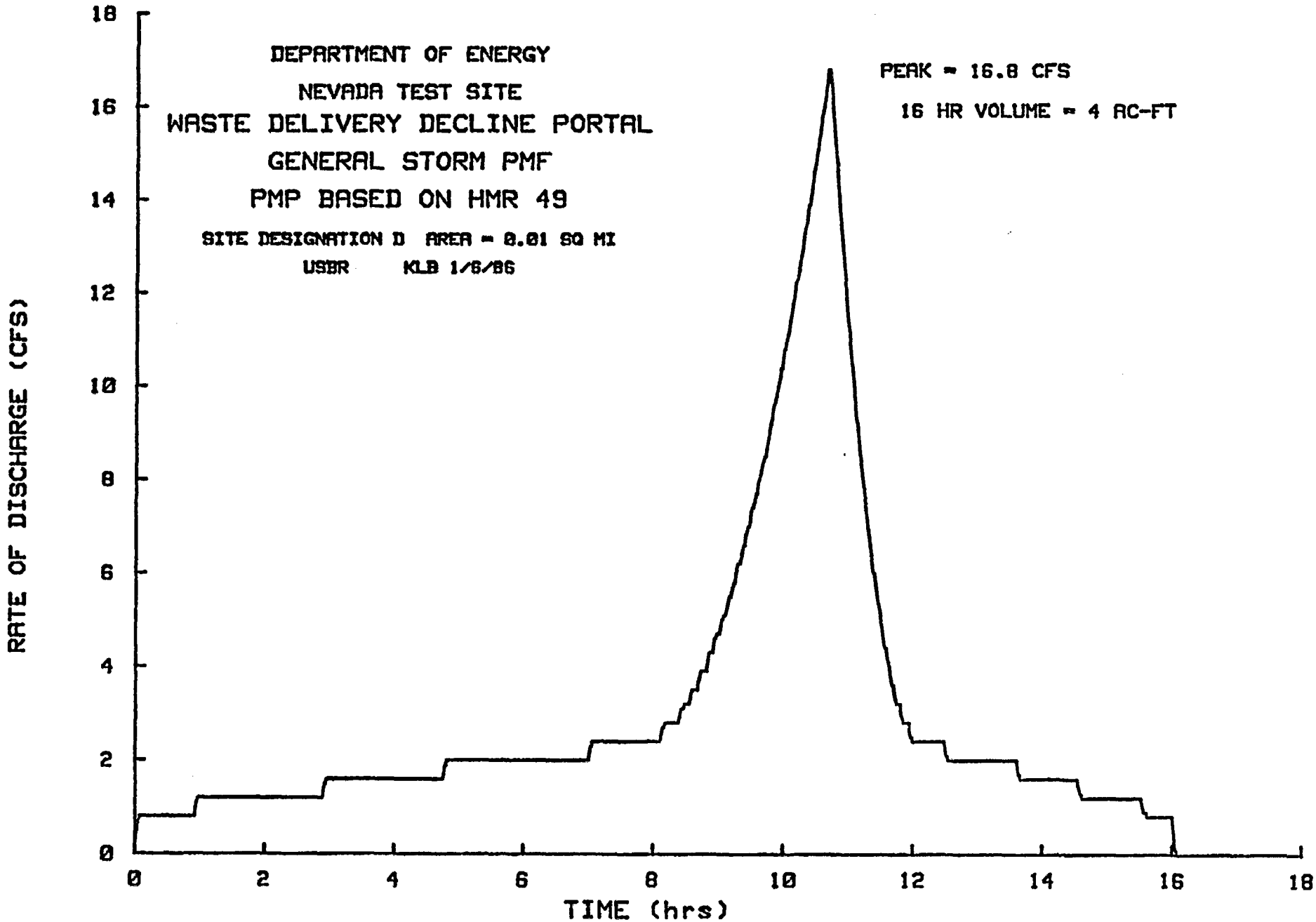

DEPARTMENT OF ENERGY
NEVADA TEST SITE
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION D AREA = 0.01 SQ MI
USBR KLB 1/6/86
PEAK = 16.8 CFS
16 HR VOLUME = 4 AC-FT
RATE OF DISCHARGE (CFS)
TIME (hrs)
0
2
4
6
8
10
12
14
16
18

PLATE 54

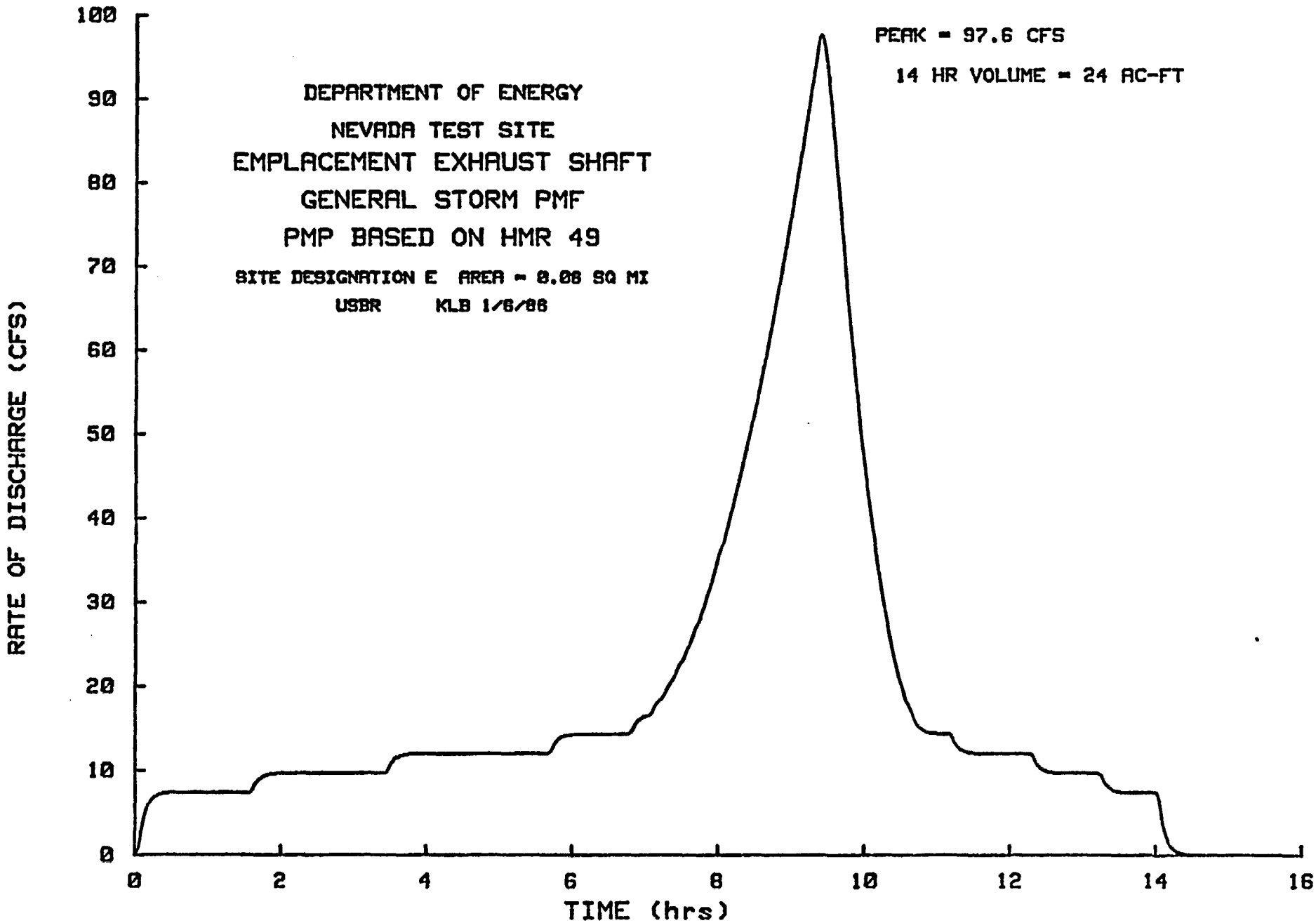

DEPARTMENT OF ENERGY
NEVADA TEST SITE
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION E AREA = 0.08 SQ MI
USBR KLB 1/6/86
PEAK = 97.6 CFS
14 HR VOLUME = 24 AC-FT
RATE OF DISCHARGE (CFS)
TIME (hrs)
0
10
20
30
40
50
60
70
80
90
100
0
2
4
6
8
10
12
14
16

PLATE 55

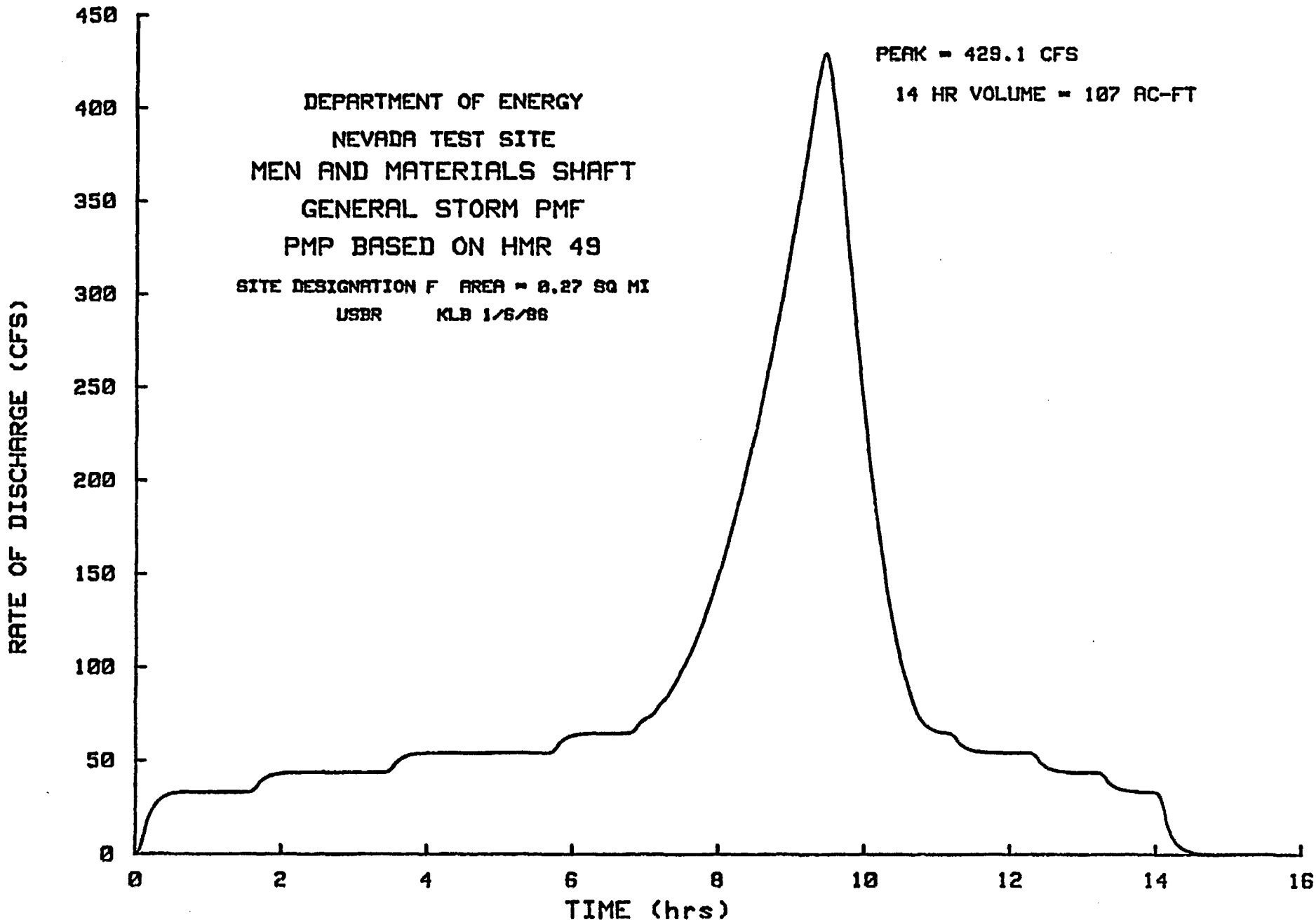

DEPARTMENT OF ENERGY
NEVADA TEST SITE
MEN AND MATERIALS SHAFT
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION F AREA = 0.27 SQ MI
USBR KLB 1/6/86
PEAK = 429.1 CFS
14 HR VOLUME = 107 AC-FT
RATE OF DISCHARGE (CFS)
TIME (hrs)
0
50
100
150
200
250
300
350
400
450
0
2
4
6
8
10
12
14
16

PLATE 56

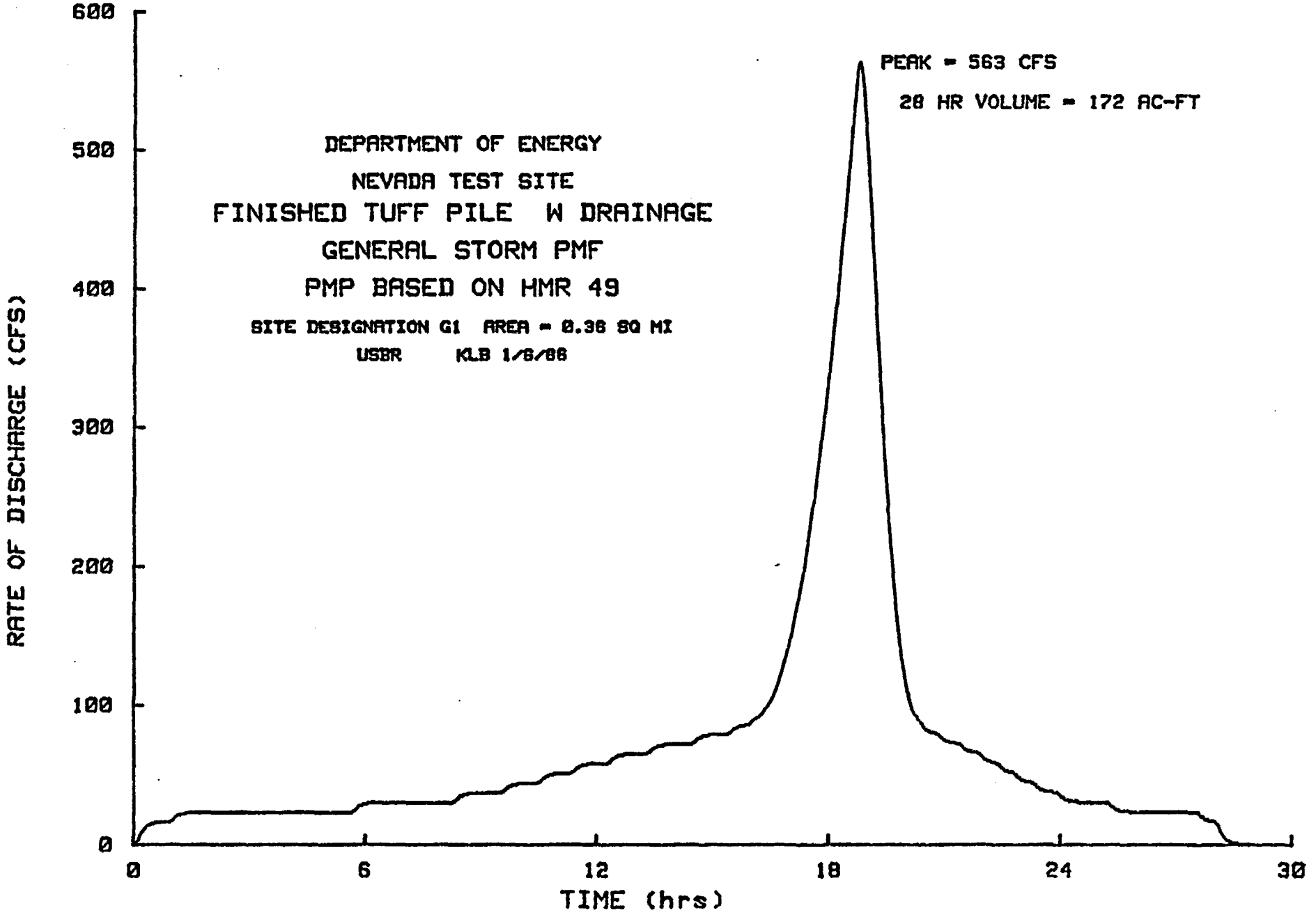

DEPARTMENT OF ENERGY
NEVADA TEST SITE
FINISHED TUFF PILE W DRAINAGE
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION G1 AREA = 0.36 SQ MI
USBR KLB 1/8/86
PEAK = 563 CFS
28 HR VOLUME = 172 AC-FT
RATE OF DISCHARGE (CFS)
600
500
400
300
200
100
0
0
6
12
18
24
30
TIME (hrs)

PLATE 57

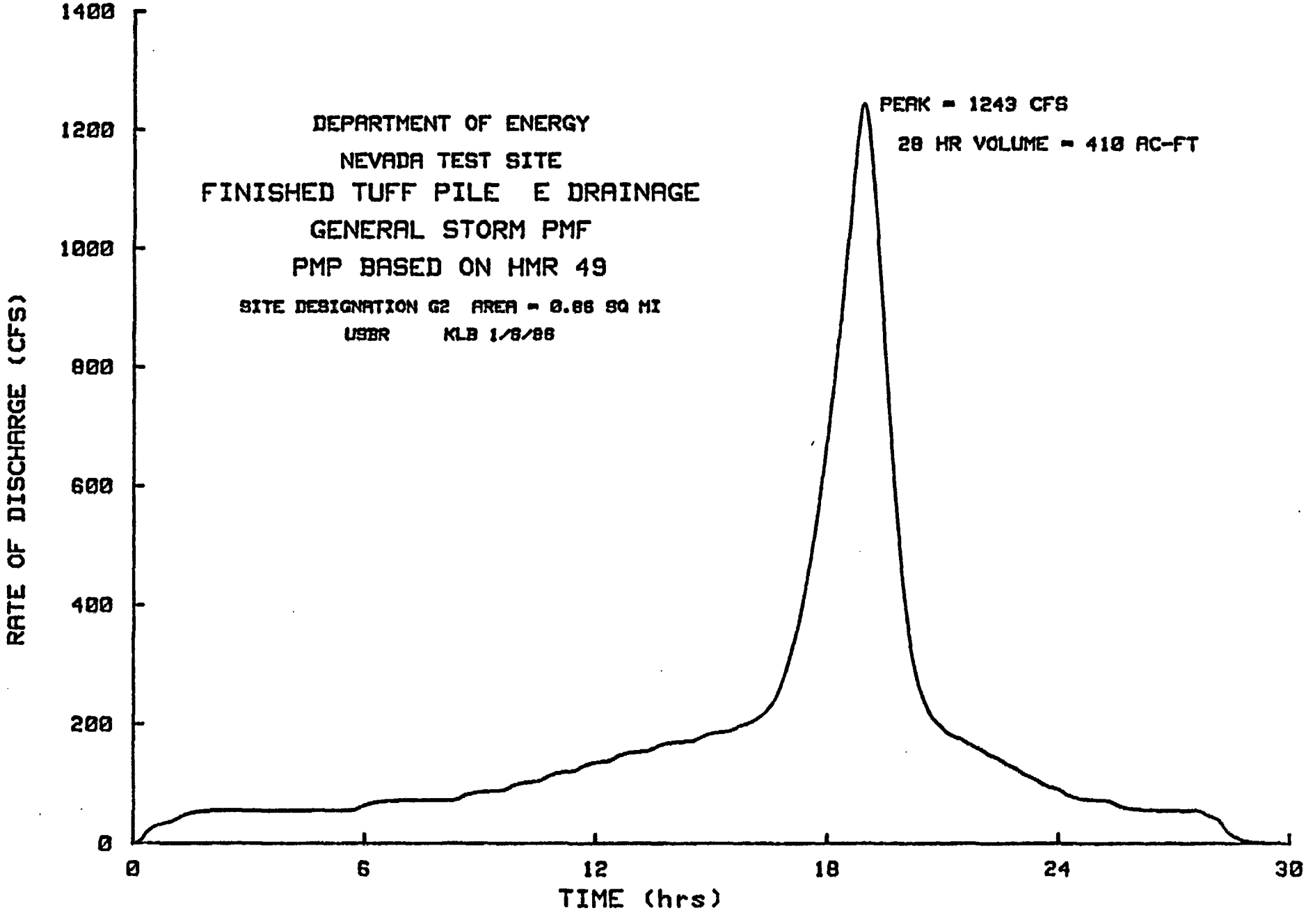

DEPARTMENT OF ENERGY
NEVADA TEST SITE
FINISHED TUFF PILE E DRAINAGE
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION G2 AREA = 0.66 SQ MI
USBR KLB 1/8/86
PEAK = 1243 CFS
28 HR VOLUME = 410 AC-FT
RATE OF DISCHARGE (CFS)
1400
1200
1000
800
600
400
200
0
0
6
12
18
24
30
TIME (hrs)

PLATE 58

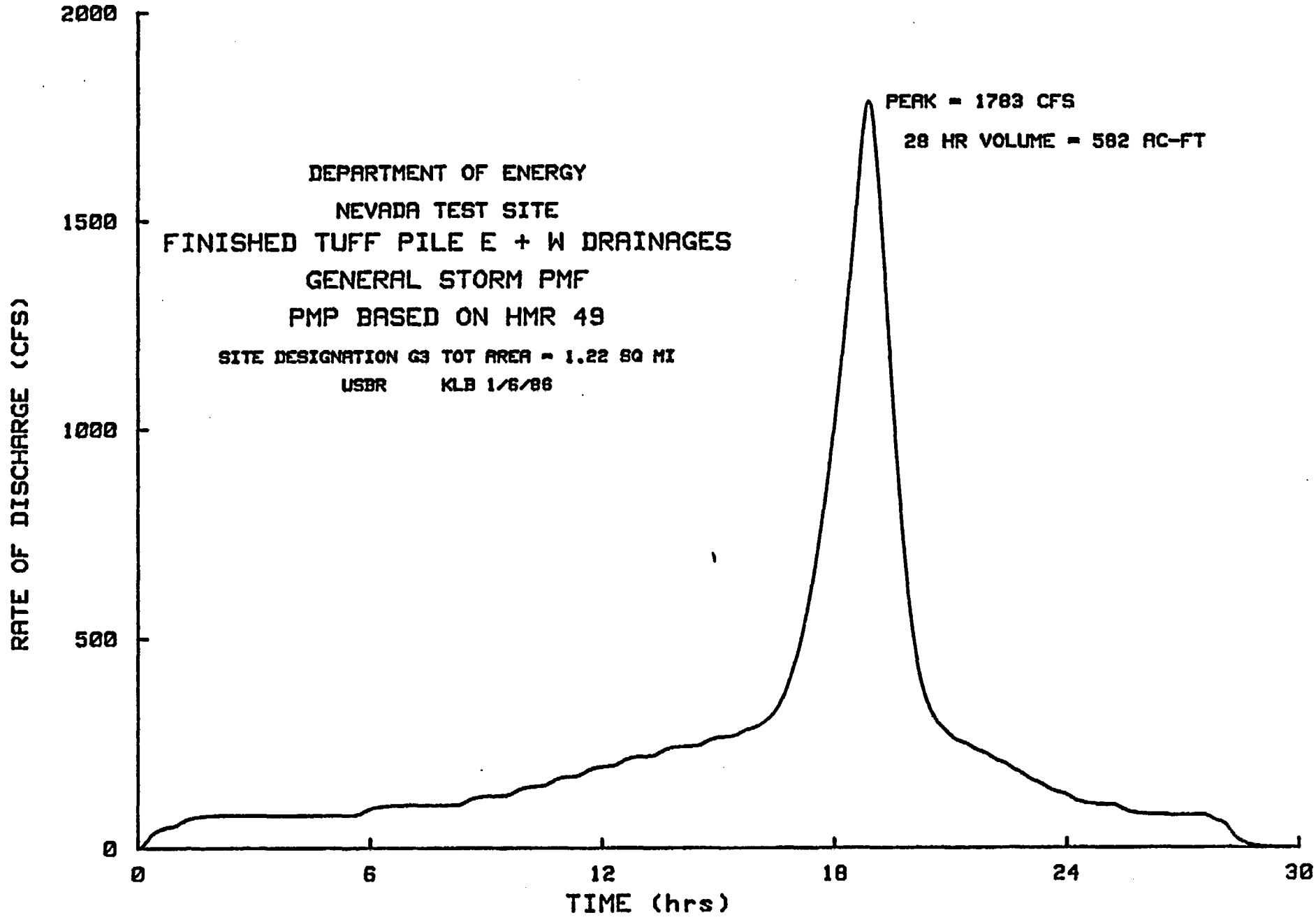

DEPARTMENT OF ENERGY
NEVADA TEST SITE
FINISHED TUFF PILE E + W DRAINAGES
GENERAL STORM PMF
PMP BASED ON HMR 49
SITE DESIGNATION G3 TOT AREA = 1.22 SQ MI
USBR KLB 1/6/86
PEAK = 1783 CFS
28 HR VOLUME = 582 AC-FT
RATE OF DISCHARGE (CFS)
2000
1500
1000
500
0
0
6
12
18
24
30
TIME (hrs)

PLATE 59

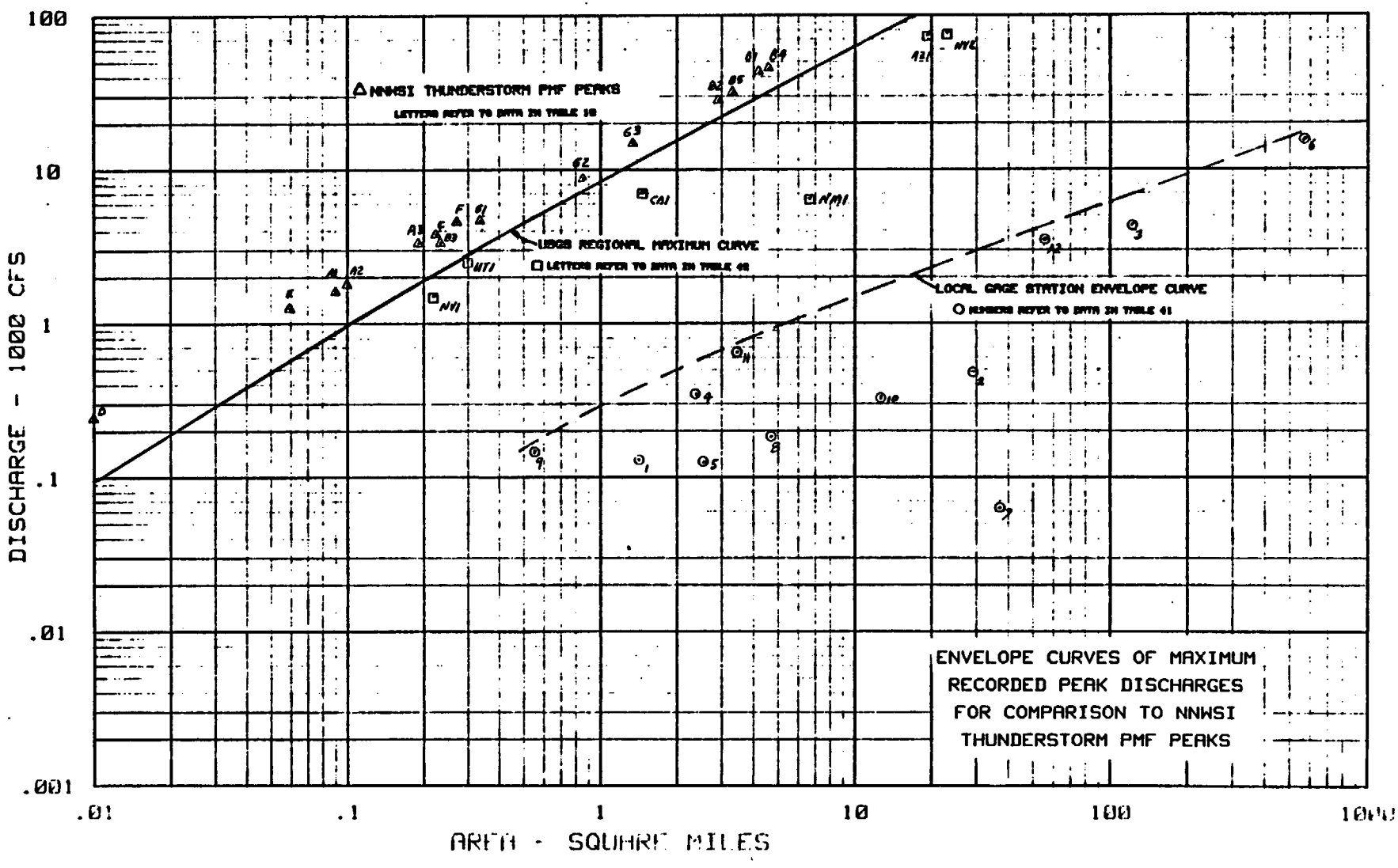
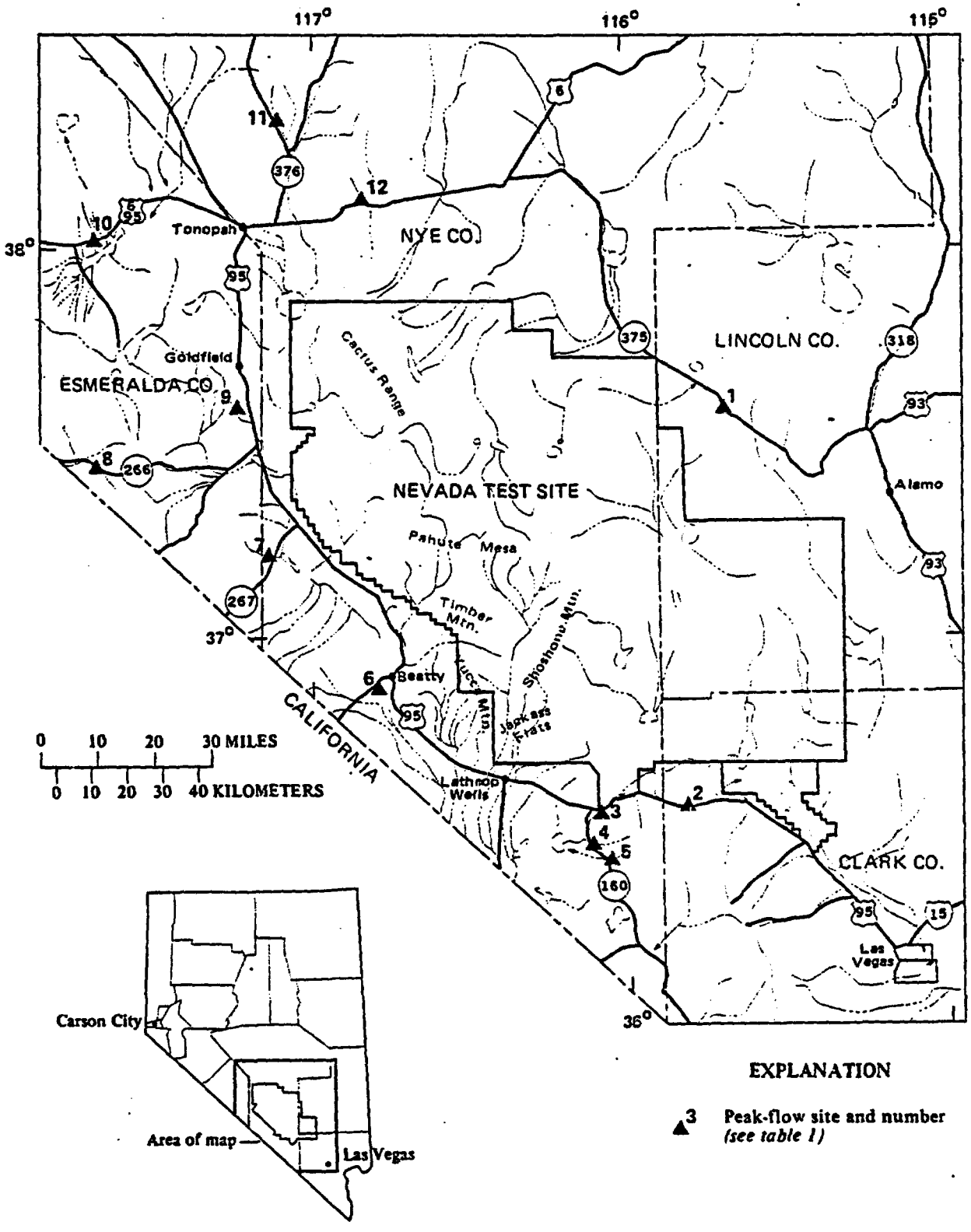

NNWSI THUNDERSTORM PMF PEAKS
LETTERS REFER TO DATA IN TABLE 10
USGS REGIONAL MAXIMUM CURVE
LETTERS REFER TO DATA IN TABLE 40
LOCAL GAGE STATION ENVELOPE CURVE
NUMBERS REFER TO DATA IN TABLE 41
ENVELOPE CURVES OF MAXIMUM RECORDED PEAK DISCHARGES FOR COMPARISON TO NNWSI THUNDERSTORM PMF PEAKS
DISCHARGE - 1000 CFS
AREA - SQUARE MILES
100
10
1
.1
.01
.001
.01
.1
1
10
100
1000

PLATE 60



PEAK-FLOW DATA SITES LISTED IN TABLE 41

BASE MAP FROM USGS [3]

TABLES

TABLE 1

NNWSI Surface Facility Basin Descriptions
and Reference Site Designations

Site Designation for PMF Study	Surface Facility Description
A1	Exploratory Shaft Main Location- -
A2	Exploratory Shaft Auxiliary Location- -
A3	A1 + A2 (Main stem Coyote Wash)
B1	Central Surface Facility With Tuff Pile
B2	Central Surface Facility Without Tuff Pile
B3	Central Surface Facility East Arm
B4	B1 + B3
B5	B2 + B3
C	Tuff Ramp
D	Waste Decline Delivery Portal
E	Emplacement Exhaust Shaft
F	Men and Materials Shaft
G1	Finished Tuff Pile West Drainage
G2	Finished Tuff Pile East Drainage
G3	G1 + G2

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
1.00	.045	41.00	.034	81.00	.024	121.00	.017
2.00	.044	42.00	.033	82.00	.024	122.00	.017
3.00	.044	43.00	.033	83.00	.024	123.00	.017
4.00	.044	44.00	.033	84.00	.024	124.00	.017
5.00	.043	45.00	.033	85.00	.024	125.00	.017
6.00	.043	46.00	.032	86.00	.023	126.00	.017
7.00	.043	47.00	.032	87.00	.023	127.00	.016
8.00	.042	48.00	.032	88.00	.023	128.00	.016
9.00	.042	49.00	.032	89.00	.023	129.00	.016
10.00	.042	50.00	.031	90.00	.023	130.00	.016
11.00	.042	51.00	.031	91.00	.022	131.00	.016
12.00	.041	52.00	.031	92.00	.022	132.00	.016
13.00	.041	53.00	.031	93.00	.022	133.00	.016
14.00	.041	54.00	.030	94.00	.022	134.00	.015
15.00	.040	55.00	.030	95.00	.022	135.00	.015
16.00	.040	56.00	.030	96.00	.022	136.00	.015
17.00	.040	57.00	.030	97.00	.021	137.00	.015
18.00	.040	58.00	.029	98.00	.021	138.00	.015
19.00	.039	59.00	.029	99.00	.021	139.00	.015
20.00	.039	60.00	.029	100.00	.021	140.00	.015
21.00	.039	61.00	.029	101.00	.021	141.00	.014
22.00	.039	62.00	.029	102.00	.020	142.00	.014
23.00	.038	63.00	.028	103.00	.020	143.00	.014
24.00	.038	64.00	.028	104.00	.020	144.00	.014
25.00	.038	65.00	.028	105.00	.020	145.00	.014
26.00	.037	66.00	.028	106.00	.020	146.00	.014
27.00	.037	67.00	.027	107.00	.020	147.00	.014
28.00	.037	68.00	.027	108.00	.019	148.00	.014
29.00	.037	69.00	.027	109.00	.019	149.00	.013
30.00	.036	70.00	.027	110.00	.019	150.00	.013
31.00	.036	71.00	.027	111.00	.019	151.00	.013
32.00	.036	72.00	.026	112.00	.019	152.00	.013
33.00	.036	73.00	.026	113.00	.019	153.00	.013
34.00	.035	74.00	.026	114.00	.018	154.00	.013
35.00	.035	75.00	.026	115.00	.018	155.00	.013
36.00	.035	76.00	.025	116.00	.018	156.00	.013
37.00	.035	77.00	.025	117.00	.018	157.00	.012
38.00	.034	78.00	.025	118.00	.018	158.00	.012
39.00	.034	79.00	.025	119.00	.018	159.00	.012
40.00	.034	80.00	.025	120.00	.017	160.00	.012

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
161.00	.012	201.00	.009	241.00	.007	281.00	.007
162.00	.012	202.00	.009	242.00	.007	282.00	.007
163.00	.012	203.00	.009	243.00	.007	283.00	.007
164.00	.012	204.00	.009	244.00	.007	284.00	.007
165.00	.012	205.00	.009	245.00	.007	285.00	.007
166.00	.012	206.00	.008	246.00	.007	286.00	.007
167.00	.011	207.00	.008	247.00	.007	287.00	.007
168.00	.011	208.00	.008	248.00	.007	288.00	.007
169.00	.011	209.00	.008	249.00	.007	289.00	.007
170.00	.011	210.00	.008	250.00	.007	290.00	.007
171.00	.011	211.00	.008	251.00	.007	291.00	.007
172.00	.011	212.00	.008	252.00	.007	292.00	.007
173.00	.011	213.00	.008	253.00	.007	293.00	.007
174.00	.011	214.00	.008	254.00	.007	294.00	.007
175.00	.011	215.00	.008	255.00	.007	295.00	.007
176.00	.011	216.00	.008	256.00	.007	296.00	.007
177.00	.011	217.00	.008	257.00	.007	297.00	.007
178.00	.010	218.00	.008	258.00	.007	298.00	.007
179.00	.010	219.00	.008	259.00	.007	299.00	.007
180.00	.010	220.00	.008	260.00	.007	300.00	.007
181.00	.010	221.00	.008	261.00	.007	301.00	.007
182.00	.010	222.00	.008	262.00	.007	302.00	.007
183.00	.010	223.00	.008	263.00	.007	303.00	.007
184.00	.010	224.00	.008	264.00	.007	304.00	.007
185.00	.010	225.00	.008	265.00	.007	305.00	.007
186.00	.010	226.00	.008	266.00	.007	306.00	.007
187.00	.010	227.00	.008	267.00	.007	307.00	.007
188.00	.010	228.00	.008	268.00	.007	308.00	.007
189.00	.010	229.00	.008	269.00	.007	309.00	.007
190.00	.009	230.00	.008	270.00	.007	310.00	.007
191.00	.009	231.00	.007	271.00	.007	311.00	.007
192.00	.009	232.00	.007	272.00	.007	312.00	.007
193.00	.009	233.00	.007	273.00	.007	313.00	.007
194.00	.009	234.00	.007	274.00	.007	314.00	.007
195.00	.009	235.00	.007	275.00	.007	315.00	.007
196.00	.009	236.00	.007	276.00	.007	316.00	.007
197.00	.009	237.00	.007	277.00	.007	317.00	.007
198.00	.009	238.00	.007	278.00	.007	318.00	.007
199.00	.009	239.00	.007	279.00	.007	319.00	.007
200.00	.009	240.00	.007	280.00	.007	320.00	.007

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
321.00	.007	361.00	.006	401.00	.006	441.00	.006
322.00	.007	362.00	.006	402.00	.006	442.00	.006
323.00	.007	363.00	.006	403.00	.006	443.00	.006
324.00	.007	364.00	.006	404.00	.006	444.00	.006
325.00	.007	365.00	.006	405.00	.006	445.00	.006
326.00	.007	366.00	.006	406.00	.006	446.00	.006
327.00	.007	367.00	.006	407.00	.006	447.00	.006
328.00	.007	368.00	.006	408.00	.006	448.00	.006
329.00	.007	369.00	.006	409.00	.006	449.00	.006
330.00	.006	370.00	.006	410.00	.006	450.00	.006
331.00	.006	371.00	.006	411.00	.006	451.00	.006
332.00	.006	372.00	.006	412.00	.006	452.00	.006
333.00	.006	373.00	.006	413.00	.006	453.00	.006
334.00	.006	374.00	.006	414.00	.006	454.00	.006
335.00	.006	375.00	.006	415.00	.006	455.00	.006
336.00	.006	376.00	.006	416.00	.006	456.00	.006
337.00	.006	377.00	.006	417.00	.006	457.00	.006
338.00	.006	378.00	.006	418.00	.006	458.00	.006
339.00	.006	379.00	.006	419.00	.006	459.00	.006
340.00	.006	380.00	.006	420.00	.006	460.00	.006
341.00	.006	381.00	.006	421.00	.006	461.00	.006
342.00	.006	382.00	.006	422.00	.006	462.00	.006
343.00	.006	383.00	.006	423.00	.006	463.00	.006
344.00	.006	384.00	.006	424.00	.006	464.00	.006
345.00	.006	385.00	.006	425.00	.006	465.00	.006
346.00	.006	386.00	.006	426.00	.006	466.00	.006
347.00	.006	387.00	.006	427.00	.006	467.00	.006
348.00	.006	388.00	.006	428.00	.006	468.00	.006
349.00	.006	389.00	.006	429.00	.006	469.00	.006
350.00	.006	390.00	.006	430.00	.006	470.00	.006
351.00	.006	391.00	.006	431.00	.006	471.00	.006
352.00	.006	392.00	.006	432.00	.006	472.00	.006
353.00	.006	393.00	.006	433.00	.006	473.00	.006
354.00	.006	394.00	.006	434.00	.006	474.00	.006
355.00	.006	395.00	.006	435.00	.006	475.00	.006
356.00	.006	396.00	.006	436.00	.006	476.00	.006
357.00	.006	397.00	.006	437.00	.006	477.00	.006
358.00	.006	398.00	.006	438.00	.006	478.00	.006
359.00	.006	399.00	.006	439.00	.006	479.00	.006
360.00	.006	400.00	.006	440.00	.006	480.00	.006

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
481.00	.006	521.00	.006	561.00	.005	601.00	.005
482.00	.006	522.00	.006	562.00	.005	602.00	.005
483.00	.006	523.00	.006	563.00	.005	603.00	.005
484.00	.006	524.00	.006	564.00	.005	604.00	.005
485.00	.006	525.00	.006	565.00	.005	605.00	.005
486.00	.006	526.00	.006	566.00	.005	606.00	.005
487.00	.006	527.00	.006	567.00	.005	607.00	.005
488.00	.006	528.00	.006	568.00	.005	608.00	.005
489.00	.006	529.00	.006	569.00	.005	609.00	.005
490.00	.006	530.00	.006	570.00	.005	610.00	.005
491.00	.006	531.00	.006	571.00	.005	611.00	.005
492.00	.006	532.00	.005	572.00	.005	612.00	.005
493.00	.006	533.00	.005	573.00	.005	613.00	.005
494.00	.006	534.00	.005	574.00	.005	614.00	.005
495.00	.006	535.00	.005	575.00	.005	615.00	.005
496.00	.006	536.00	.005	576.00	.005	616.00	.005
497.00	.006	537.00	.005	577.00	.005	617.00	.005
498.00	.006	538.00	.005	578.00	.005	618.00	.005
499.00	.006	539.00	.005	579.00	.005	619.00	.005
500.00	.006	540.00	.005	580.00	.005	620.00	.005
501.00	.006	541.00	.005	581.00	.005	621.00	.005
502.00	.006	542.00	.005	582.00	.005	622.00	.005
503.00	.006	543.00	.005	583.00	.005	623.00	.005
504.00	.006	544.00	.005	584.00	.005	624.00	.005
505.00	.006	545.00	.005	585.00	.005	625.00	.005
506.00	.006	546.00	.005	586.00	.005	626.00	.005
507.00	.006	547.00	.005	587.00	.005	627.00	.005
508.00	.006	548.00	.005	588.00	.005	628.00	.005
509.00	.006	549.00	.005	589.00	.005	629.00	.005
510.00	.006	550.00	.005	590.00	.005	630.00	.005
511.00	.006	551.00	.005	591.00	.005	631.00	.005
512.00	.006	552.00	.005	592.00	.005	632.00	.005
513.00	.006	553.00	.005	593.00	.005	633.00	.005
514.00	.006	554.00	.005	594.00	.005	634.00	.005
515.00	.006	555.00	.005	595.00	.005	635.00	.005
516.00	.006	556.00	.005	596.00	.005	636.00	.005
517.00	.006	557.00	.005	597.00	.005	637.00	.005
518.00	.006	558.00	.005	598.00	.005	638.00	.005
519.00	.006	559.00	.005	599.00	.005	639.00	.005
520.00	.006	560.00	.005	600.00	.005	640.00	.005

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
641.00	.005	681.00	.005	721.00	.004	761.00	.004
642.00	.005	682.00	.005	722.00	.004	762.00	.004
643.00	.005	683.00	.005	723.00	.004	763.00	.004
644.00	.005	684.00	.005	724.00	.004	764.00	.004
645.00	.005	685.00	.005	725.00	.004	765.00	.004
646.00	.005	686.00	.005	726.00	.004	766.00	.004
647.00	.005	687.00	.005	727.00	.004	767.00	.004
648.00	.005	688.00	.005	728.00	.004	768.00	.004
649.00	.005	689.00	.005	729.00	.004	769.00	.004
650.00	.005	690.00	.005	730.00	.004	770.00	.004
651.00	.005	691.00	.005	731.00	.004	771.00	.004
652.00	.005	692.00	.005	732.00	.004	772.00	.004
653.00	.005	693.00	.005	733.00	.004	773.00	.004
654.00	.005	694.00	.005	734.00	.004	774.00	.004
655.00	.005	695.00	.005	735.00	.004	775.00	.004
656.00	.005	696.00	.005	736.00	.004	776.00	.004
657.00	.005	697.00	.005	737.00	.004	777.00	.004
658.00	.005	698.00	.005	738.00	.004	778.00	.004
659.00	.005	699.00	.005	739.00	.004	779.00	.004
660.00	.005	700.00	.004	740.00	.004	780.00	.004
661.00	.005	701.00	.004	741.00	.004	781.00	.004
662.00	.005	702.00	.004	742.00	.004	782.00	.004
663.00	.005	703.00	.004	743.00	.004	783.00	.004
664.00	.005	704.00	.004	744.00	.004	784.00	.004
665.00	.005	705.00	.004	745.00	.004	785.00	.004
666.00	.005	706.00	.004	746.00	.004	786.00	.004
667.00	.005	707.00	.004	747.00	.004	787.00	.004
668.00	.005	708.00	.004	748.00	.004	788.00	.004
669.00	.005	709.00	.004	749.00	.004	789.00	.004
670.00	.005	710.00	.004	750.00	.004	790.00	.004
671.00	.005	711.00	.004	751.00	.004	791.00	.004
672.00	.005	712.00	.004	752.00	.004	792.00	.004
673.00	.005	713.00	.004	753.00	.004	793.00	.004
674.00	.005	714.00	.004	754.00	.004	794.00	.004
675.00	.005	715.00	.004	755.00	.004	795.00	.004
676.00	.005	716.00	.004	756.00	.004	796.00	.004
677.00	.005	717.00	.004	757.00	.004	797.00	.004
678.00	.005	718.00	.004	758.00	.004	798.00	.004
679.00	.005	719.00	.004	759.00	.004	799.00	.004
680.00	.005	720.00	.004	760.00	.004	800.00	.004

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
801.00	.004	841.00	.004	881.00	.003	921.00	.003
802.00	.004	842.00	.004	882.00	.003	922.00	.003
803.00	.004	843.00	.004	883.00	.003	923.00	.003
804.00	.004	844.00	.004	884.00	.003	924.00	.003
805.00	.004	845.00	.004	885.00	.003	925.00	.003
806.00	.004	846.00	.004	886.00	.003	926.00	.003
807.00	.004	847.00	.004	887.00	.003	927.00	.003
808.00	.004	848.00	.004	888.00	.003	928.00	.003
809.00	.004	849.00	.004	889.00	.003	929.00	.003
810.00	.004	850.00	.004	890.00	.003	930.00	.003
811.00	.004	851.00	.004	891.00	.003	931.00	.003
812.00	.004	852.00	.004	892.00	.003	932.00	.003
813.00	.004	853.00	.004	893.00	.003	933.00	.003
814.00	.004	854.00	.004	894.00	.003	934.00	.003
815.00	.004	855.00	.004	895.00	.003	935.00	.003
816.00	.004	856.00	.004	896.00	.003	936.00	.003
817.00	.004	857.00	.004	897.00	.003	937.00	.003
818.00	.004	858.00	.004	898.00	.003	938.00	.003
819.00	.004	859.00	.004	899.00	.003	939.00	.003
820.00	.004	860.00	.004	900.00	.003	940.00	.003
821.00	.004	861.00	.004	901.00	.003	941.00	.003
822.00	.004	862.00	.004	902.00	.003	942.00	.003
823.00	.004	863.00	.004	903.00	.003	943.00	.003
824.00	.004	864.00	.004	904.00	.003	944.00	.003
825.00	.004	865.00	.004	905.00	.003	945.00	.003
826.00	.004	866.00	.004	906.00	.003	946.00	.003
827.00	.004	867.00	.004	907.00	.003	947.00	.003
828.00	.004	868.00	.004	908.00	.003	948.00	.003
829.00	.004	869.00	.004	909.00	.003	949.00	.003
830.00	.004	870.00	.004	910.00	.003	950.00	.003
831.00	.004	871.00	.004	911.00	.003	951.00	.003
832.00	.004	872.00	.004	912.00	.003	952.00	.003
833.00	.004	873.00	.004	913.00	.003	953.00	.003
834.00	.004	874.00	.004	914.00	.003	954.00	.003
835.00	.004	875.00	.004	915.00	.003	955.00	.003
836.00	.004	876.00	.004	916.00	.003	956.00	.003
837.00	.004	877.00	.003	917.00	.003	957.00	.003
838.00	.004	878.00	.003	918.00	.003	958.00	.003
839.00	.004	879.00	.003	919.00	.003	959.00	.003
840.00	.004	880.00	.003	920.00	.003	960.00	.003

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
961.00	.003	1001.00	.003	1041.00	.003	1081.00	.003
962.00	.003	1002.00	.003	1042.00	.003	1082.00	.003
963.00	.003	1003.00	.003	1043.00	.003	1083.00	.003
964.00	.003	1004.00	.003	1044.00	.003	1084.00	.003
965.00	.003	1005.00	.003	1045.00	.003	1085.00	.003
966.00	.003	1006.00	.003	1046.00	.003	1086.00	.003
967.00	.003	1007.00	.003	1047.00	.003	1087.00	.003
968.00	.003	1008.00	.003	1048.00	.003	1088.00	.003
969.00	.003	1009.00	.003	1049.00	.003	1089.00	.003
970.00	.003	1010.00	.003	1050.00	.003	1090.00	.003
971.00	.003	1011.00	.003	1051.00	.003	1091.00	.003
972.00	.003	1012.00	.003	1052.00	.003	1092.00	.003
973.00	.003	1013.00	.003	1053.00	.003	1093.00	.003
974.00	.003	1014.00	.003	1054.00	.003	1094.00	.003
975.00	.003	1015.00	.003	1055.00	.003	1095.00	.003
976.00	.003	1016.00	.003	1056.00	.003	1096.00	.003
977.00	.003	1017.00	.003	1057.00	.003	1097.00	.003
978.00	.003	1018.00	.003	1058.00	.003	1098.00	.003
979.00	.003	1019.00	.003	1059.00	.003	1099.00	.003
980.00	.003	1020.00	.003	1060.00	.003	1100.00	.003
981.00	.003	1021.00	.003	1061.00	.003	1101.00	.003
982.00	.003	1022.00	.003	1062.00	.003	1102.00	.003
983.00	.003	1023.00	.003	1063.00	.003	1103.00	.003
984.00	.003	1024.00	.003	1064.00	.003	1104.00	.003
985.00	.003	1025.00	.003	1065.00	.003	1105.00	.003
986.00	.003	1026.00	.003	1066.00	.003	1106.00	.003
987.00	.003	1027.00	.003	1067.00	.003	1107.00	.003
988.00	.003	1028.00	.003	1068.00	.003	1108.00	.003
989.00	.003	1029.00	.003	1069.00	.003	1109.00	.003
990.00	.003	1030.00	.003	1070.00	.003	1110.00	.003
991.00	.003	1031.00	.003	1071.00	.003	1111.00	.003
992.00	.003	1032.00	.003	1072.00	.003	1112.00	.003
993.00	.003	1033.00	.003	1073.00	.003	1113.00	.003
994.00	.003	1034.00	.003	1074.00	.003	1114.00	.003
995.00	.003	1035.00	.003	1075.00	.003	1115.00	.003
996.00	.003	1036.00	.003	1076.00	.003	1116.00	.003
997.00	.003	1037.00	.003	1077.00	.003	1117.00	.003
998.00	.003	1038.00	.003	1078.00	.003	1118.00	.003
999.00	.003	1039.00	.003	1079.00	.003	1119.00	.003
1000.00	.003	1040.00	.003	1080.00	.003	1120.00	.003

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMF BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
1121.00	.003	1161.00	.003	1201.00	.003	1241.00	.003
1122.00	.003	1162.00	.003	1202.00	.003	1242.00	.003
1123.00	.003	1163.00	.003	1203.00	.003	1243.00	.003
1124.00	.003	1164.00	.003	1204.00	.003	1244.00	.003
1125.00	.003	1165.00	.003	1205.00	.003	1245.00	.003
1126.00	.003	1166.00	.003	1206.00	.003	1246.00	.003
1127.00	.003	1167.00	.003	1207.00	.003	1247.00	.003
1128.00	.003	1168.00	.003	1208.00	.003	1248.00	.003
1129.00	.003	1169.00	.003	1209.00	.003	1249.00	.003
1130.00	.003	1170.00	.003	1210.00	.003	1250.00	.003
1131.00	.003	1171.00	.003	1211.00	.003	1251.00	.003
1132.00	.003	1172.00	.003	1212.00	.003	1252.00	.003
1133.00	.003	1173.00	.003	1213.00	.003	1253.00	.003
1134.00	.003	1174.00	.003	1214.00	.003	1254.00	.003
1135.00	.003	1175.00	.003	1215.00	.003	1255.00	.003
1136.00	.003	1176.00	.003	1216.00	.003	1256.00	.003
1137.00	.003	1177.00	.003	1217.00	.003	1257.00	.003
1138.00	.003	1178.00	.003	1218.00	.003	1258.00	.003
1139.00	.003	1179.00	.003	1219.00	.003	1259.00	.003
1140.00	.003	1180.00	.003	1220.00	.003	1260.00	.003
1141.00	.003	1181.00	.003	1221.00	.003	1261.00	.003
1142.00	.003	1182.00	.003	1222.00	.003	1262.00	.003
1143.00	.003	1183.00	.003	1223.00	.003	1263.00	.003
1144.00	.003	1184.00	.003	1224.00	.003	1264.00	.003
1145.00	.003	1185.00	.003	1225.00	.003	1265.00	.003
1146.00	.003	1186.00	.003	1226.00	.003	1266.00	.003
1147.00	.003	1187.00	.003	1227.00	.003	1267.00	.003
1148.00	.003	1188.00	.003	1228.00	.003	1268.00	.003
1149.00	.003	1189.00	.003	1229.00	.003	1269.00	.003
1150.00	.003	1190.00	.003	1230.00	.003	1270.00	.003
1151.00	.003	1191.00	.003	1231.00	.003	1271.00	.003
1152.00	.003	1192.00	.003	1232.00	.003	1272.00	.003
1153.00	.003	1193.00	.003	1233.00	.003	1273.00	.003
1154.00	.003	1194.00	.003	1234.00	.003	1274.00	.003
1155.00	.003	1195.00	.003	1235.00	.003	1275.00	.003
1156.00	.003	1196.00	.003	1236.00	.003	1276.00	.003
1157.00	.003	1197.00	.003	1237.00	.003	1277.00	.003
1158.00	.003	1198.00	.003	1238.00	.003	1278.00	.003
1159.00	.003	1199.00	.003	1239.00	.003	1279.00	.003
1160.00	.003	1200.00	.003	1240.00	.003	1280.00	.003

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
1281.00	.003	1321.00	.003	1361.00	.003	1401.00	.002
1282.00	.003	1322.00	.003	1362.00	.003	1402.00	.002
1283.00	.003	1323.00	.003	1363.00	.003	1403.00	.002
1284.00	.003	1324.00	.003	1364.00	.003	1404.00	.002
1285.00	.003	1325.00	.003	1365.00	.003	1405.00	.002
1286.00	.003	1326.00	.003	1366.00	.003	1406.00	.002
1287.00	.003	1327.00	.003	1367.00	.002	1407.00	.002
1288.00	.003	1328.00	.003	1368.00	.002	1408.00	.002
1289.00	.003	1329.00	.003	1369.00	.002	1409.00	.002
1290.00	.003	1330.00	.003	1370.00	.002	1410.00	.002
1291.00	.003	1331.00	.003	1371.00	.002	1411.00	.002
1292.00	.003	1332.00	.003	1372.00	.002	1412.00	.002
1293.00	.003	1333.00	.003	1373.00	.002	1413.00	.002
1294.00	.003	1334.00	.003	1374.00	.002	1414.00	.002
1295.00	.003	1335.00	.003	1375.00	.002	1415.00	.002
1296.00	.003	1336.00	.003	1376.00	.002	1416.00	.002
1297.00	.003	1337.00	.003	1377.00	.002	1417.00	.002
1298.00	.003	1338.00	.003	1378.00	.002	1418.00	.002
1299.00	.003	1339.00	.003	1379.00	.002	1419.00	.002
1300.00	.003	1340.00	.003	1380.00	.002	1420.00	.002
1301.00	.003	1341.00	.003	1381.00	.002	1421.00	.002
1302.00	.003	1342.00	.003	1382.00	.002	1422.00	.002
1303.00	.003	1343.00	.003	1383.00	.002	1423.00	.002
1304.00	.003	1344.00	.003	1384.00	.002	1424.00	.002
1305.00	.003	1345.00	.003	1385.00	.002	1425.00	.002
1306.00	.003	1346.00	.003	1386.00	.002	1426.00	.002
1307.00	.003	1347.00	.003	1387.00	.002	1427.00	.002
1308.00	.003	1348.00	.003	1388.00	.002	1428.00	.002
1309.00	.003	1349.00	.003	1389.00	.002	1429.00	.002
1310.00	.003	1350.00	.003	1390.00	.002	1430.00	.002
1311.00	.003	1351.00	.003	1391.00	.002	1431.00	.002
1312.00	.003	1352.00	.003	1392.00	.002	1432.00	.002
1313.00	.003	1353.00	.003	1393.00	.002	1433.00	.002
1314.00	.003	1354.00	.003	1394.00	.002	1434.00	.002
1315.00	.003	1355.00	.003	1395.00	.002	1435.00	.002
1316.00	.003	1356.00	.003	1396.00	.002	1436.00	.002
1317.00	.003	1357.00	.003	1397.00	.002	1437.00	.002
1318.00	.003	1358.00	.003	1398.00	.002	1438.00	.002
1319.00	.003	1359.00	.003	1399.00	.002	1439.00	.002
1320.00	.003	1360.00	.003	1400.00	.002	1440.00	.002

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
1441.00	.002	1481.00	.002	1521.00	.002	1561.00	.002
1442.00	.002	1482.00	.002	1522.00	.002	1562.00	.002
1443.00	.002	1483.00	.002	1523.00	.002	1563.00	.002
1444.00	.002	1484.00	.002	1524.00	.002	1564.00	.002
1445.00	.002	1485.00	.002	1525.00	.002	1565.00	.002
1446.00	.002	1486.00	.002	1526.00	.002	1566.00	.002
1447.00	.002	1487.00	.002	1527.00	.002	1567.00	.002
1448.00	.002	1488.00	.002	1528.00	.002	1568.00	.002
1449.00	.002	1489.00	.002	1529.00	.002	1569.00	.002
1450.00	.002	1490.00	.002	1530.00	.002	1570.00	.002
1451.00	.002	1491.00	.002	1531.00	.002	1571.00	.002
1452.00	.002	1492.00	.002	1532.00	.002	1572.00	.002
1453.00	.002	1493.00	.002	1533.00	.002	1573.00	.002
1454.00	.002	1494.00	.002	1534.00	.002	1574.00	.002
1455.00	.002	1495.00	.002	1535.00	.002	1575.00	.002
1456.00	.002	1496.00	.002	1536.00	.002	1576.00	.002
1457.00	.002	1497.00	.002	1537.00	.002	1577.00	.002
1458.00	.002	1498.00	.002	1538.00	.002	1578.00	.002
1459.00	.002	1499.00	.002	1539.00	.002	1579.00	.002
1460.00	.002	1500.00	.002	1540.00	.002	1580.00	.002
1461.00	.002	1501.00	.002	1541.00	.002	1581.00	.002
1462.00	.002	1502.00	.002	1542.00	.002	1582.00	.002
1463.00	.002	1503.00	.002	1543.00	.002	1583.00	.002
1464.00	.002	1504.00	.002	1544.00	.002	1584.00	.002
1465.00	.002	1505.00	.002	1545.00	.002	1585.00	.002
1466.00	.002	1506.00	.002	1546.00	.002	1586.00	.002
1467.00	.002	1507.00	.002	1547.00	.002	1587.00	.002
1468.00	.002	1508.00	.002	1548.00	.002	1588.00	.002
1469.00	.002	1509.00	.002	1549.00	.002	1589.00	.002
1470.00	.002	1510.00	.002	1550.00	.002	1590.00	.002
1471.00	.002	1511.00	.002	1551.00	.002	1591.00	.002
1472.00	.002	1512.00	.002	1552.00	.002	1592.00	.002
1473.00	.002	1513.00	.002	1553.00	.002	1593.00	.002
1474.00	.002	1514.00	.002	1554.00	.002	1594.00	.002
1475.00	.002	1515.00	.002	1555.00	.002	1595.00	.002
1476.00	.002	1516.00	.002	1556.00	.002	1596.00	.002
1477.00	.002	1517.00	.002	1557.00	.002	1597.00	.002
1478.00	.002	1518.00	.002	1558.00	.002	1598.00	.002
1479.00	.002	1519.00	.002	1559.00	.002	1599.00	.002
1480.00	.002	1520.00	.002	1560.00	.002	1600.00	.002

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
1601.00	.002	1641.00	.002	1681.00	.002	1721.00	.002
1602.00	.002	1642.00	.002	1682.00	.002	1722.00	.002
1603.00	.002	1643.00	.002	1683.00	.002	1723.00	.002
1604.00	.002	1644.00	.002	1684.00	.002	1724.00	.002
1605.00	.002	1645.00	.002	1685.00	.002	1725.00	.002
1606.00	.002	1646.00	.002	1686.00	.002	1726.00	.002
1607.00	.002	1647.00	.002	1687.00	.002	1727.00	.002
1608.00	.002	1648.00	.002	1688.00	.002	1728.00	.002
1609.00	.002	1649.00	.002	1689.00	.002	1729.00	.002
1610.00	.002	1650.00	.002	1690.00	.002	1730.00	.002
1611.00	.002	1651.00	.002	1691.00	.002	1731.00	.002
1612.00	.002	1652.00	.002	1692.00	.002	1732.00	.002
1613.00	.002	1653.00	.002	1693.00	.002	1733.00	.002
1614.00	.002	1654.00	.002	1694.00	.002	1734.00	.002
1615.00	.002	1655.00	.002	1695.00	.002	1735.00	.002
1616.00	.002	1656.00	.002	1696.00	.002	1736.00	.002
1617.00	.002	1657.00	.002	1697.00	.002	1737.00	.002
1618.00	.002	1658.00	.002	1698.00	.002	1738.00	.002
1619.00	.002	1659.00	.002	1699.00	.002	1739.00	.002
1620.00	.002	1660.00	.002	1700.00	.002	1740.00	.002
1621.00	.002	1661.00	.002	1701.00	.002	1741.00	.002
1622.00	.002	1662.00	.002	1702.00	.002	1742.00	.002
1623.00	.002	1663.00	.002	1703.00	.002	1743.00	.002
1624.00	.002	1664.00	.002	1704.00	.002	1744.00	.002
1625.00	.002	1665.00	.002	1705.00	.002	1745.00	.002
1626.00	.002	1666.00	.002	1706.00	.002	1746.00	.002
1627.00	.002	1667.00	.002	1707.00	.002	1747.00	.002
1628.00	.002	1668.00	.002	1708.00	.002	1748.00	.002
1629.00	.002	1669.00	.002	1709.00	.002	1749.00	.002
1630.00	.002	1670.00	.002	1710.00	.002	1750.00	.002
1631.00	.002	1671.00	.002	1711.00	.002	1751.00	.002
1632.00	.002	1672.00	.002	1712.00	.002	1752.00	.002
1633.00	.002	1673.00	.002	1713.00	.002	1753.00	.002
1634.00	.002	1674.00	.002	1714.00	.002	1754.00	.002
1635.00	.002	1675.00	.002	1715.00	.002	1755.00	.002
1636.00	.002	1676.00	.002	1716.00	.002	1756.00	.002
1637.00	.002	1677.00	.002	1717.00	.002	1757.00	.002
1638.00	.002	1678.00	.002	1718.00	.002	1758.00	.002
1639.00	.002	1679.00	.002	1719.00	.002	1759.00	.002
1640.00	.002	1680.00	.002	1720.00	.002	1760.00	.002

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
1921.00	.002	1961.00	.002	2001.00	.002	2041.00	.002
1922.00	.002	1962.00	.002	2002.00	.002	2042.00	.002
1923.00	.002	1963.00	.002	2003.00	.002	2043.00	.002
1924.00	.002	1964.00	.002	2004.00	.002	2044.00	.002
1925.00	.002	1965.00	.002	2005.00	.002	2045.00	.002
1926.00	.002	1966.00	.002	2006.00	.002	2046.00	.002
1927.00	.002	1967.00	.002	2007.00	.002	2047.00	.002
1928.00	.002	1968.00	.002	2008.00	.002	2048.00	.002
1929.00	.002	1969.00	.002	2009.00	.002	2049.00	.002
1930.00	.002	1970.00	.002	2010.00	.002	2050.00	.002
1931.00	.002	1971.00	.002	2011.00	.002	2051.00	.002
1932.00	.002	1972.00	.002	2012.00	.002	2052.00	.002
1933.00	.002	1973.00	.002	2013.00	.002	2053.00	.002
1934.00	.002	1974.00	.002	2014.00	.002	2054.00	.002
1935.00	.002	1975.00	.002	2015.00	.002	2055.00	.002
1936.00	.002	1976.00	.002	2016.00	.002	2056.00	.002
1937.00	.002	1977.00	.002	2017.00	.002	2057.00	.002
1938.00	.002	1978.00	.002	2018.00	.002	2058.00	.002
1939.00	.002	1979.00	.002	2019.00	.002	2059.00	.002
1940.00	.002	1980.00	.002	2020.00	.002	2060.00	.002
1941.00	.002	1981.00	.002	2021.00	.002	2061.00	.002
1942.00	.002	1982.00	.002	2022.00	.002	2062.00	.002
1943.00	.002	1983.00	.002	2023.00	.002	2063.00	.002
1944.00	.002	1984.00	.002	2024.00	.002	2064.00	.002
1945.00	.002	1985.00	.002	2025.00	.002	2065.00	.002
1946.00	.002	1986.00	.002	2026.00	.002	2066.00	.002
1947.00	.002	1987.00	.002	2027.00	.002	2067.00	.002
1948.00	.002	1988.00	.002	2028.00	.002	2068.00	.002
1949.00	.002	1989.00	.002	2029.00	.002	2069.00	.002
1950.00	.002	1990.00	.002	2030.00	.002	2070.00	.002
1951.00	.002	1991.00	.002	2031.00	.002	2071.00	.002
1952.00	.002	1992.00	.002	2032.00	.002	2072.00	.002
1953.00	.002	1993.00	.002	2033.00	.002	2073.00	.002
1954.00	.002	1994.00	.002	2034.00	.002	2074.00	.002
1955.00	.002	1995.00	.002	2035.00	.002	2075.00	.002
1956.00	.002	1996.00	.002	2036.00	.002	2076.00	.002
1957.00	.002	1997.00	.002	2037.00	.002	2077.00	.002
1958.00	.002	1998.00	.002	2038.00	.002	2078.00	.002
1959.00	.002	1999.00	.002	2039.00	.002	2079.00	.002
1960.00	.002	2000.00	.002	2040.00	.002	2080.00	.002

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
2081.00	.002	2121.00	.002	2161.00	.002	2201.00	.002
2082.00	.002	2122.00	.002	2162.00	.002	2202.00	.002
2083.00	.002	2123.00	.002	2163.00	.002	2203.00	.002
2084.00	.002	2124.00	.002	2164.00	.002	2204.00	.002
2085.00	.002	2125.00	.002	2165.00	.002	2205.00	.002
2086.00	.002	2126.00	.002	2166.00	.002	2206.00	.002
2087.00	.002	2127.00	.002	2167.00	.002	2207.00	.002
2088.00	.002	2128.00	.002	2168.00	.002	2208.00	.002
2089.00	.002	2129.00	.002	2169.00	.002	2209.00	.002
2090.00	.002	2130.00	.002	2170.00	.002	2210.00	.002
2091.00	.002	2131.00	.002	2171.00	.002	2211.00	.002
2092.00	.002	2132.00	.002	2172.00	.002	2212.00	.002
2093.00	.002	2133.00	.002	2173.00	.002	2213.00	.002
2094.00	.002	2134.00	.002	2174.00	.002	2214.00	.002
2095.00	.002	2135.00	.002	2175.00	.002	2215.00	.002
2096.00	.002	2136.00	.002	2176.00	.002	2216.00	.002
2097.00	.002	2137.00	.002	2177.00	.002	2217.00	.002
2098.00	.002	2138.00	.002	2178.00	.002	2218.00	.002
2099.00	.002	2139.00	.002	2179.00	.002	2219.00	.002
2100.00	.002	2140.00	.002	2180.00	.002	2220.00	.002
2101.00	.002	2141.00	.002	2181.00	.002	2221.00	.002
2102.00	.002	2142.00	.002	2182.00	.002	2222.00	.002
2103.00	.002	2143.00	.002	2183.00	.002	2223.00	.002
2104.00	.002	2144.00	.002	2184.00	.002	2224.00	.002
2105.00	.002	2145.00	.002	2185.00	.002	2225.00	.002
2106.00	.002	2146.00	.002	2186.00	.002	2226.00	.002
2107.00	.002	2147.00	.002	2187.00	.002	2227.00	.002
2108.00	.002	2148.00	.002	2188.00	.002	2228.00	.002
2109.00	.002	2149.00	.002	2189.00	.002	2229.00	.002
2110.00	.002	2150.00	.002	2190.00	.002	2230.00	.002
2111.00	.002	2151.00	.002	2191.00	.002	2231.00	.002
2112.00	.002	2152.00	.002	2192.00	.002	2232.00	.002
2113.00	.002	2153.00	.002	2193.00	.002	2233.00	.002
2114.00	.002	2154.00	.002	2194.00	.002	2234.00	.002
2115.00	.002	2155.00	.002	2195.00	.002	2235.00	.002
2116.00	.002	2156.00	.002	2196.00	.002	2236.00	.002
2117.00	.002	2157.00	.002	2197.00	.002	2237.00	.002
2118.00	.002	2158.00	.002	2198.00	.002	2238.00	.002
2119.00	.002	2159.00	.002	2199.00	.002	2239.00	.002
2120.00	.002	2160.00	.002	2200.00	.002	2240.00	.002

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
2241.00	.002	2281.00	.002	2321.00	.002	2361.00	.002
2242.00	.002	2282.00	.002	2322.00	.002	2362.00	.002
2243.00	.002	2283.00	.002	2323.00	.002	2363.00	.002
2244.00	.002	2284.00	.002	2324.00	.002	2364.00	.002
2245.00	.002	2285.00	.002	2325.00	.002	2365.00	.002
2246.00	.002	2286.00	.002	2326.00	.002	2366.00	.002
2247.00	.002	2287.00	.002	2327.00	.002	2367.00	.002
2248.00	.002	2288.00	.002	2328.00	.002	2368.00	.002
2249.00	.002	2289.00	.002	2329.00	.002	2369.00	.002
2250.00	.002	2290.00	.002	2330.00	.002	2370.00	.002
2251.00	.002	2291.00	.002	2331.00	.002	2371.00	.002
2252.00	.002	2292.00	.002	2332.00	.002	2372.00	.002
2253.00	.002	2293.00	.002	2333.00	.002	2373.00	.002
2254.00	.002	2294.00	.002	2334.00	.002	2374.00	.002
2255.00	.002	2295.00	.002	2335.00	.002	2375.00	.002
2256.00	.002	2296.00	.002	2336.00	.002	2376.00	.002
2257.00	.002	2297.00	.002	2337.00	.002	2377.00	.002
2258.00	.002	2298.00	.002	2338.00	.002	2378.00	.002
2259.00	.002	2299.00	.002	2339.00	.002	2379.00	.002
2260.00	.002	2300.00	.002	2340.00	.002	2380.00	.002
2261.00	.002	2301.00	.002	2341.00	.002	2381.00	.002
2262.00	.002	2302.00	.002	2342.00	.002	2382.00	.002
2263.00	.002	2303.00	.002	2343.00	.002	2383.00	.002
2264.00	.002	2304.00	.002	2344.00	.002	2384.00	.002
2265.00	.002	2305.00	.002	2345.00	.002	2385.00	.002
2266.00	.002	2306.00	.002	2346.00	.002	2386.00	.002
2267.00	.002	2307.00	.002	2347.00	.002	2387.00	.002
2268.00	.002	2308.00	.002	2348.00	.002	2388.00	.002
2269.00	.002	2309.00	.002	2349.00	.002	2389.00	.002
2270.00	.002	2310.00	.002	2350.00	.002	2390.00	.002
2271.00	.002	2311.00	.002	2351.00	.002	2391.00	.002
2272.00	.002	2312.00	.002	2352.00	.002	2392.00	.002
2273.00	.002	2313.00	.002	2353.00	.002	2393.00	.002
2274.00	.002	2314.00	.002	2354.00	.002	2394.00	.002
2275.00	.002	2315.00	.002	2355.00	.002	2395.00	.002
2276.00	.002	2316.00	.002	2356.00	.002	2396.00	.002
2277.00	.002	2317.00	.002	2357.00	.002	2397.00	.002
2278.00	.002	2318.00	.002	2358.00	.002	2398.00	.002
2279.00	.002	2319.00	.002	2359.00	.002	2399.00	.002
2280.00	.002	2320.00	.002	2360.00	.002	2400.00	.002

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
2401.00	.002	2441.00	.001	2481.00	.001	2521.00	.001
2402.00	.002	2442.00	.001	2482.00	.001	2522.00	.001
2403.00	.002	2443.00	.001	2483.00	.001	2523.00	.001
2404.00	.002	2444.00	.001	2484.00	.001	2524.00	.001
2405.00	.002	2445.00	.001	2485.00	.001	2525.00	.001
2406.00	.002	2446.00	.001	2486.00	.001	2526.00	.001
2407.00	.002	2447.00	.001	2487.00	.001	2527.00	.001
2408.00	.002	2448.00	.001	2488.00	.001	2528.00	.001
2409.00	.002	2449.00	.001	2489.00	.001	2529.00	.001
2410.00	.002	2450.00	.001	2490.00	.001	2530.00	.001
2411.00	.002	2451.00	.001	2491.00	.001	2531.00	.001
2412.00	.002	2452.00	.001	2492.00	.001	2532.00	.001
2413.00	.002	2453.00	.001	2493.00	.001	2533.00	.001
2414.00	.002	2454.00	.001	2494.00	.001	2534.00	.001
2415.00	.002	2455.00	.001	2495.00	.001	2535.00	.001
2416.00	.002	2456.00	.001	2496.00	.001	2536.00	.001
2417.00	.002	2457.00	.001	2497.00	.001	2537.00	.001
2418.00	.002	2458.00	.001	2498.00	.001	2538.00	.001
2419.00	.002	2459.00	.001	2499.00	.001	2539.00	.001
2420.00	.002	2460.00	.001	2500.00	.001	2540.00	.001
2421.00	.002	2461.00	.001	2501.00	.001	2541.00	.001
2422.00	.002	2462.00	.001	2502.00	.001	2542.00	.001
2423.00	.002	2463.00	.001	2503.00	.001	2543.00	.001
2424.00	.002	2464.00	.001	2504.00	.001	2544.00	.001
2425.00	.001	2465.00	.001	2505.00	.001	2545.00	.001
2426.00	.001	2466.00	.001	2506.00	.001	2546.00	.001
2427.00	.001	2467.00	.001	2507.00	.001	2547.00	.001
2428.00	.001	2468.00	.001	2508.00	.001	2548.00	.001
2429.00	.001	2469.00	.001	2509.00	.001	2549.00	.001
2430.00	.001	2470.00	.001	2510.00	.001	2550.00	.001
2431.00	.001	2471.00	.001	2511.00	.001	2551.00	.001
2432.00	.001	2472.00	.001	2512.00	.001	2552.00	.001
2433.00	.001	2473.00	.001	2513.00	.001	2553.00	.001
2434.00	.001	2474.00	.001	2514.00	.001	2554.00	.001
2435.00	.001	2475.00	.001	2515.00	.001	2555.00	.001
2436.00	.001	2476.00	.001	2516.00	.001	2556.00	.001
2437.00	.001	2477.00	.001	2517.00	.001	2557.00	.001
2438.00	.001	2478.00	.001	2518.00	.001	2558.00	.001
2439.00	.001	2479.00	.001	2519.00	.001	2559.00	.001
2440.00	.001	2480.00	.001	2520.00	.001	2560.00	.001

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
2561.00	.001	2601.00	.001	2641.00	.001	2681.00	.001
2562.00	.001	2602.00	.001	2642.00	.001	2682.00	.001
2563.00	.001	2603.00	.001	2643.00	.001	2683.00	.001
2564.00	.001	2604.00	.001	2644.00	.001	2684.00	.001
2565.00	.001	2605.00	.001	2645.00	.001	2685.00	.001
2566.00	.001	2606.00	.001	2646.00	.001	2686.00	.001
2567.00	.001	2607.00	.001	2647.00	.001	2687.00	.001
2568.00	.001	2608.00	.001	2648.00	.001	2688.00	.001
2569.00	.001	2609.00	.001	2649.00	.001	2689.00	.001
2570.00	.001	2610.00	.001	2650.00	.001	2690.00	.001
2571.00	.001	2611.00	.001	2651.00	.001	2691.00	.001
2572.00	.001	2612.00	.001	2652.00	.001	2692.00	.001
2573.00	.001	2613.00	.001	2653.00	.001	2693.00	.001
2574.00	.001	2614.00	.001	2654.00	.001	2694.00	.001
2575.00	.001	2615.00	.001	2655.00	.001	2695.00	.001
2576.00	.001	2616.00	.001	2656.00	.001	2696.00	.001
2577.00	.001	2617.00	.001	2657.00	.001	2697.00	.001
2578.00	.001	2618.00	.001	2658.00	.001	2698.00	.001
2579.00	.001	2619.00	.001	2659.00	.001	2699.00	.001
2580.00	.001	2620.00	.001	2660.00	.001	2700.00	.001
2581.00	.001	2621.00	.001	2661.00	.001	2701.00	.001
2582.00	.001	2622.00	.001	2662.00	.001	2702.00	.001
2583.00	.001	2623.00	.001	2663.00	.001	2703.00	.001
2584.00	.001	2624.00	.001	2664.00	.001	2704.00	.001
2585.00	.001	2625.00	.001	2665.00	.001	2705.00	.001
2586.00	.001	2626.00	.001	2666.00	.001	2706.00	.001
2587.00	.001	2627.00	.001	2667.00	.001	2707.00	.001
2588.00	.001	2628.00	.001	2668.00	.001	2708.00	.001
2589.00	.001	2629.00	.001	2669.00	.001	2709.00	.001
2590.00	.001	2630.00	.001	2670.00	.001	2710.00	.001
2591.00	.001	2631.00	.001	2671.00	.001	2711.00	.001
2592.00	.001	2632.00	.001	2672.00	.001	2712.00	.001
2593.00	.001	2633.00	.001	2673.00	.001	2713.00	.001
2594.00	.001	2634.00	.001	2674.00	.001	2714.00	.001
2595.00	.001	2635.00	.001	2675.00	.001	2715.00	.001
2596.00	.001	2636.00	.001	2676.00	.001	2716.00	.001
2597.00	.001	2637.00	.001	2677.00	.001	2717.00	.001
2598.00	.001	2638.00	.001	2678.00	.001	2718.00	.001
2599.00	.001	2639.00	.001	2679.00	.001	2719.00	.001
2600.00	.001	2640.00	.001	2680.00	.001	2720.00	.001

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
2721.00	.001	2761.00	.001	2801.00	.001	2841.00	.001
2722.00	.001	2762.00	.001	2802.00	.001	2842.00	.001
2723.00	.001	2763.00	.001	2803.00	.001	2843.00	.001
2724.00	.001	2764.00	.001	2804.00	.001	2844.00	.001
2725.00	.001	2765.00	.001	2805.00	.001	2845.00	.001
2726.00	.001	2766.00	.001	2806.00	.001	2846.00	.001
2727.00	.001	2767.00	.001	2807.00	.001	2847.00	.001
2728.00	.001	2768.00	.001	2808.00	.001	2848.00	.001
2729.00	.001	2769.00	.001	2809.00	.001	2849.00	.001
2730.00	.001	2770.00	.001	2810.00	.001	2850.00	.001
2731.00	.001	2771.00	.001	2811.00	.001	2851.00	.001
2732.00	.001	2772.00	.001	2812.00	.001	2852.00	.001
2733.00	.001	2773.00	.001	2813.00	.001	2853.00	.001
2734.00	.001	2774.00	.001	2814.00	.001	2854.00	.001
2735.00	.001	2775.00	.001	2815.00	.001	2855.00	.001
2736.00	.001	2776.00	.001	2816.00	.001	2856.00	.001
2737.00	.001	2777.00	.001	2817.00	.001	2857.00	.001
2738.00	.001	2778.00	.001	2818.00	.001	2858.00	.001
2739.00	.001	2779.00	.001	2819.00	.001	2859.00	.001
2740.00	.001	2780.00	.001	2820.00	.001	2860.00	.001
2741.00	.001	2781.00	.001	2821.00	.001	2861.00	.001
2742.00	.001	2782.00	.001	2822.00	.001	2862.00	.001
2743.00	.001	2783.00	.001	2823.00	.001	2863.00	.001
2744.00	.001	2784.00	.001	2824.00	.001	2864.00	.001
2745.00	.001	2785.00	.001	2825.00	.001	2865.00	.001
2746.00	.001	2786.00	.001	2826.00	.001	2866.00	.001
2747.00	.001	2787.00	.001	2827.00	.001	2867.00	.001
2748.00	.001	2788.00	.001	2828.00	.001	2868.00	.001
2749.00	.001	2789.00	.001	2829.00	.001	2869.00	.001
2750.00	.001	2790.00	.001	2830.00	.001	2870.00	.001
2751.00	.001	2791.00	.001	2831.00	.001	2871.00	.001
2752.00	.001	2792.00	.001	2832.00	.001	2872.00	.001
2753.00	.001	2793.00	.001	2833.00	.001	2873.00	.001
2754.00	.001	2794.00	.001	2834.00	.001	2874.00	.001
2755.00	.001	2795.00	.001	2835.00	.001	2875.00	.001
2756.00	.001	2796.00	.001	2836.00	.001	2876.00	.001
2757.00	.001	2797.00	.001	2837.00	.001	2877.00	.001
2758.00	.001	2798.00	.001	2838.00	.001	2878.00	.001
2759.00	.001	2799.00	.001	2839.00	.001	2879.00	.001
2760.00	.001	2800.00	.001	2840.00	.001	2880.00	.001

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
2881.00	.001	2921.00	.001	2961.00	.001	3001.00	.001
2882.00	.001	2922.00	.001	2962.00	.001	3002.00	.001
2883.00	.001	2923.00	.001	2963.00	.001	3003.00	.001
2884.00	.001	2924.00	.001	2964.00	.001	3004.00	.001
2885.00	.001	2925.00	.001	2965.00	.001	3005.00	.001
2886.00	.001	2926.00	.001	2966.00	.001	3006.00	.001
2887.00	.001	2927.00	.001	2967.00	.001	3007.00	.001
2888.00	.001	2928.00	.001	2968.00	.001	3008.00	.001
2889.00	.001	2929.00	.001	2969.00	.001	3009.00	.001
2890.00	.001	2930.00	.001	2970.00	.001	3010.00	.001
2891.00	.001	2931.00	.001	2971.00	.001	3011.00	.001
2892.00	.001	2932.00	.001	2972.00	.001	3012.00	.001
2893.00	.001	2933.00	.001	2973.00	.001	3013.00	.001
2894.00	.001	2934.00	.001	2974.00	.001	3014.00	.001
2895.00	.001	2935.00	.001	2975.00	.001	3015.00	.001
2896.00	.001	2936.00	.001	2976.00	.001	3016.00	.001
2897.00	.001	2937.00	.001	2977.00	.001	3017.00	.001
2898.00	.001	2938.00	.001	2978.00	.001	3018.00	.001
2899.00	.001	2939.00	.001	2979.00	.001	3019.00	.001
2900.00	.001	2940.00	.001	2980.00	.001	3020.00	.001
2901.00	.001	2941.00	.001	2981.00	.001	3021.00	.001
2902.00	.001	2942.00	.001	2982.00	.001	3022.00	.001
2903.00	.001	2943.00	.001	2983.00	.001	3023.00	.001
2904.00	.001	2944.00	.001	2984.00	.001	3024.00	.001
2905.00	.001	2945.00	.001	2985.00	.001	3025.00	.001
2906.00	.001	2946.00	.001	2986.00	.001	3026.00	.001
2907.00	.001	2947.00	.001	2987.00	.001	3027.00	.001
2908.00	.001	2948.00	.001	2988.00	.001	3028.00	.001
2909.00	.001	2949.00	.001	2989.00	.001	3029.00	.001
2910.00	.001	2950.00	.001	2990.00	.001	3030.00	.001
2911.00	.001	2951.00	.001	2991.00	.001	3031.00	.001
2912.00	.001	2952.00	.001	2992.00	.001	3032.00	.001
2913.00	.001	2953.00	.001	2993.00	.001	3033.00	.001
2914.00	.001	2954.00	.001	2994.00	.001	3034.00	.001
2915.00	.001	2955.00	.001	2995.00	.001	3035.00	.001
2916.00	.001	2956.00	.001	2996.00	.001	3036.00	.001
2917.00	.001	2957.00	.001	2997.00	.001	3037.00	.001
2918.00	.001	2958.00	.001	2998.00	.001	3038.00	.001
2919.00	.001	2959.00	.001	2999.00	.001	3039.00	.001
2920.00	.001	2960.00	.001	3000.00	.001	3040.00	.001

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
3041.00	.001	3081.00	.001	3121.00	.001	3161.00	.001
3042.00	.001	3082.00	.001	3122.00	.001	3162.00	.001
3043.00	.001	3083.00	.001	3123.00	.001	3163.00	.001
3044.00	.001	3084.00	.001	3124.00	.001	3164.00	.001
3045.00	.001	3085.00	.001	3125.00	.001	3165.00	.001
3046.00	.001	3086.00	.001	3126.00	.001	3166.00	.001
3047.00	.001	3087.00	.001	3127.00	.001	3167.00	.001
3048.00	.001	3088.00	.001	3128.00	.001	3168.00	.001
3049.00	.001	3089.00	.001	3129.00	.001	3169.00	.001
3050.00	.001	3090.00	.001	3130.00	.001	3170.00	.001
3051.00	.001	3091.00	.001	3131.00	.001	3171.00	.001
3052.00	.001	3092.00	.001	3132.00	.001	3172.00	.001
3053.00	.001	3093.00	.001	3133.00	.001	3173.00	.001
3054.00	.001	3094.00	.001	3134.00	.001	3174.00	.001
3055.00	.001	3095.00	.001	3135.00	.001	3175.00	.001
3056.00	.001	3096.00	.001	3136.00	.001	3176.00	.001
3057.00	.001	3097.00	.001	3137.00	.001	3177.00	.001
3058.00	.001	3098.00	.001	3138.00	.001	3178.00	.001
3059.00	.001	3099.00	.001	3139.00	.001	3179.00	.001
3060.00	.001	3100.00	.001	3140.00	.001	3180.00	.001
3061.00	.001	3101.00	.001	3141.00	.001	3181.00	.001
3062.00	.001	3102.00	.001	3142.00	.001	3182.00	.001
3063.00	.001	3103.00	.001	3143.00	.001	3183.00	.001
3064.00	.001	3104.00	.001	3144.00	.001	3184.00	.001
3065.00	.001	3105.00	.001	3145.00	.001	3185.00	.001
3066.00	.001	3106.00	.001	3146.00	.001	3186.00	.001
3067.00	.001	3107.00	.001	3147.00	.001	3187.00	.001
3068.00	.001	3108.00	.001	3148.00	.001	3188.00	.001
3069.00	.001	3109.00	.001	3149.00	.001	3189.00	.001
3070.00	.001	3110.00	.001	3150.00	.001	3190.00	.001
3071.00	.001	3111.00	.001	3151.00	.001	3191.00	.001
3072.00	.001	3112.00	.001	3152.00	.001	3192.00	.001
3073.00	.001	3113.00	.001	3153.00	.001	3193.00	.001
3074.00	.001	3114.00	.001	3154.00	.001	3194.00	.001
3075.00	.001	3115.00	.001	3155.00	.001	3195.00	.001
3076.00	.001	3116.00	.001	3156.00	.001	3196.00	.001
3077.00	.001	3117.00	.001	3157.00	.001	3197.00	.001
3078.00	.001	3118.00	.001	3158.00	.001	3198.00	.001
3079.00	.001	3119.00	.001	3159.00	.001	3199.00	.001
3080.00	.001	3120.00	.001	3160.00	.001	3200.00	.001

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
3201.00	.001	3241.00	.001	3281.00	.001	3321.00	.001
3202.00	.001	3242.00	.001	3282.00	.001	3322.00	.001
3203.00	.001	3243.00	.001	3283.00	.001	3323.00	.001
3204.00	.001	3244.00	.001	3284.00	.001	3324.00	.001
3205.00	.001	3245.00	.001	3285.00	.001	3325.00	.001
3206.00	.001	3246.00	.001	3286.00	.001	3326.00	.001
3207.00	.001	3247.00	.001	3287.00	.001	3327.00	.001
3208.00	.001	3248.00	.001	3288.00	.001	3328.00	.001
3209.00	.001	3249.00	.001	3289.00	.001	3329.00	.001
3210.00	.001	3250.00	.001	3290.00	.001	3330.00	.001
3211.00	.001	3251.00	.001	3291.00	.001	3331.00	.001
3212.00	.001	3252.00	.001	3292.00	.001	3332.00	.001
3213.00	.001	3253.00	.001	3293.00	.001	3333.00	.001
3214.00	.001	3254.00	.001	3294.00	.001	3334.00	.001
3215.00	.001	3255.00	.001	3295.00	.001	3335.00	.001
3216.00	.001	3256.00	.001	3296.00	.001	3336.00	.001
3217.00	.001	3257.00	.001	3297.00	.001	3337.00	.001
3218.00	.001	3258.00	.001	3298.00	.001	3338.00	.001
3219.00	.001	3259.00	.001	3299.00	.001	3339.00	.001
3220.00	.001	3260.00	.001	3300.00	.001	3340.00	.001
3221.00	.001	3261.00	.001	3301.00	.001	3341.00	.001
3222.00	.001	3262.00	.001	3302.00	.001	3342.00	.001
3223.00	.001	3263.00	.001	3303.00	.001	3343.00	.001
3224.00	.001	3264.00	.001	3304.00	.001	3344.00	.001
3225.00	.001	3265.00	.001	3305.00	.001	3345.00	.001
3226.00	.001	3266.00	.001	3306.00	.001	3346.00	.001
3227.00	.001	3267.00	.001	3307.00	.001	3347.00	.001
3228.00	.001	3268.00	.001	3308.00	.001	3348.00	.001
3229.00	.001	3269.00	.001	3309.00	.001	3349.00	.001
3230.00	.001	3270.00	.001	3310.00	.001	3350.00	.001
3231.00	.001	3271.00	.001	3311.00	.001	3351.00	.001
3232.00	.001	3272.00	.001	3312.00	.001	3352.00	.001
3233.00	.001	3273.00	.001	3313.00	.001	3353.00	.001
3234.00	.001	3274.00	.001	3314.00	.001	3354.00	.001
3235.00	.001	3275.00	.001	3315.00	.001	3355.00	.001
3236.00	.001	3276.00	.001	3316.00	.001	3356.00	.001
3237.00	.001	3277.00	.001	3317.00	.001	3357.00	.001
3238.00	.001	3278.00	.001	3318.00	.001	3358.00	.001
3239.00	.001	3279.00	.001	3319.00	.001	3359.00	.001
3240.00	.001	3280.00	.001	3320.00	.001	3360.00	.001

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
3361.00	.001	3401.00	.001	3441.00	.001	3481.00	.001
3362.00	.001	3402.00	.001	3442.00	.001	3482.00	.001
3363.00	.001	3403.00	.001	3443.00	.001	3483.00	.001
3364.00	.001	3404.00	.001	3444.00	.001	3484.00	.001
3365.00	.001	3405.00	.001	3445.00	.001	3485.00	.001
3366.00	.001	3406.00	.001	3446.00	.001	3486.00	.001
3367.00	.001	3407.00	.001	3447.00	.001	3487.00	.001
3368.00	.001	3408.00	.001	3448.00	.001	3488.00	.001
3369.00	.001	3409.00	.001	3449.00	.001	3489.00	.001
3370.00	.001	3410.00	.001	3450.00	.001	3490.00	.001
3371.00	.001	3411.00	.001	3451.00	.001	3491.00	.001
3372.00	.001	3412.00	.001	3452.00	.001	3492.00	.001
3373.00	.001	3413.00	.001	3453.00	.001	3493.00	.001
3374.00	.001	3414.00	.001	3454.00	.001	3494.00	.001
3375.00	.001	3415.00	.001	3455.00	.001	3495.00	.001
3376.00	.001	3416.00	.001	3456.00	.001	3496.00	.001
3377.00	.001	3417.00	.001	3457.00	.001	3497.00	.001
3378.00	.001	3418.00	.001	3458.00	.001	3498.00	.001
3379.00	.001	3419.00	.001	3459.00	.001	3499.00	.001
3380.00	.001	3420.00	.001	3460.00	.001	3500.00	.001
3381.00	.001	3421.00	.001	3461.00	.001	3501.00	.001
3382.00	.001	3422.00	.001	3462.00	.001	3502.00	.001
3383.00	.001	3423.00	.001	3463.00	.001	3503.00	.001
3384.00	.001	3424.00	.001	3464.00	.001	3504.00	.001
3385.00	.001	3425.00	.001	3465.00	.001	3505.00	.001
3386.00	.001	3426.00	.001	3466.00	.001	3506.00	.001
3387.00	.001	3427.00	.001	3467.00	.001	3507.00	.001
3388.00	.001	3428.00	.001	3468.00	.001	3508.00	.001
3389.00	.001	3429.00	.001	3469.00	.001	3509.00	.001
3390.00	.001	3430.00	.001	3470.00	.001	3510.00	.001
3391.00	.001	3431.00	.001	3471.00	.001	3511.00	.001
3392.00	.001	3432.00	.001	3472.00	.001	3512.00	.001
3393.00	.001	3433.00	.001	3473.00	.001	3513.00	.001
3394.00	.001	3434.00	.001	3474.00	.001	3514.00	.001
3395.00	.001	3435.00	.001	3475.00	.001	3515.00	.001
3396.00	.001	3436.00	.001	3476.00	.001	3516.00	.001
3397.00	.001	3437.00	.001	3477.00	.001	3517.00	.001
3398.00	.001	3438.00	.001	3478.00	.001	3518.00	.001
3399.00	.001	3439.00	.001	3479.00	.001	3519.00	.001
3400.00	.001	3440.00	.001	3480.00	.001	3520.00	.001

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
3521.00	.001	3561.00	.001	3601.00	.001	3641.00	.001
3522.00	.001	3562.00	.001	3602.00	.001	3642.00	.001
3523.00	.001	3563.00	.001	3603.00	.001	3643.00	.001
3524.00	.001	3564.00	.001	3604.00	.001	3644.00	.001
3525.00	.001	3565.00	.001	3605.00	.001	3645.00	.001
3526.00	.001	3566.00	.001	3606.00	.001	3646.00	.001
3527.00	.001	3567.00	.001	3607.00	.001	3647.00	.001
3528.00	.001	3568.00	.001	3608.00	.001	3648.00	.001
3529.00	.001	3569.00	.001	3609.00	.001	3649.00	.001
3530.00	.001	3570.00	.001	3610.00	.001	3650.00	.001
3531.00	.001	3571.00	.001	3611.00	.001	3651.00	.001
3532.00	.001	3572.00	.001	3612.00	.001	3652.00	.001
3533.00	.001	3573.00	.001	3613.00	.001	3653.00	.001
3534.00	.001	3574.00	.001	3614.00	.001	3654.00	.001
3535.00	.001	3575.00	.001	3615.00	.001	3655.00	.001
3536.00	.001	3576.00	.001	3616.00	.001	3656.00	.001
3537.00	.001	3577.00	.001	3617.00	.001	3657.00	.001
3538.00	.001	3578.00	.001	3618.00	.001	3658.00	.001
3539.00	.001	3579.00	.001	3619.00	.001	3659.00	.001
3540.00	.001	3580.00	.001	3620.00	.001	3660.00	.001
3541.00	.001	3581.00	.001	3621.00	.001	3661.00	.001
3542.00	.001	3582.00	.001	3622.00	.001	3662.00	.001
3543.00	.001	3583.00	.001	3623.00	.001	3663.00	.001
3544.00	.001	3584.00	.001	3624.00	.001	3664.00	.001
3545.00	.001	3585.00	.001	3625.00	.001	3665.00	.001
3546.00	.001	3586.00	.001	3626.00	.001	3666.00	.001
3547.00	.001	3587.00	.001	3627.00	.001	3667.00	.001
3548.00	.001	3588.00	.001	3628.00	.001	3668.00	.001
3549.00	.001	3589.00	.001	3629.00	.001	3669.00	.001
3550.00	.001	3590.00	.001	3630.00	.001	3670.00	.001
3551.00	.001	3591.00	.001	3631.00	.001	3671.00	.001
3552.00	.001	3592.00	.001	3632.00	.001	3672.00	.001
3553.00	.001	3593.00	.001	3633.00	.001	3673.00	.001
3554.00	.001	3594.00	.001	3634.00	.001	3674.00	.001
3555.00	.001	3595.00	.001	3635.00	.001	3675.00	.001
3556.00	.001	3596.00	.001	3636.00	.001	3676.00	.001
3557.00	.001	3597.00	.001	3637.00	.001	3677.00	.001
3558.00	.001	3598.00	.001	3638.00	.001	3678.00	.001
3559.00	.001	3599.00	.001	3639.00	.001	3679.00	.001
3560.00	.001	3600.00	.001	3640.00	.001	3680.00	.001

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
3681.00	.001	3721.00	.001	3761.00	.001	3801.00	.001
3682.00	.001	3722.00	.001	3762.00	.001	3802.00	.001
3683.00	.001	3723.00	.001	3763.00	.001	3803.00	.001
3684.00	.001	3724.00	.001	3764.00	.001	3804.00	.001
3685.00	.001	3725.00	.001	3765.00	.001	3805.00	.001
3686.00	.001	3726.00	.001	3766.00	.001	3806.00	.001
3687.00	.001	3727.00	.001	3767.00	.001	3807.00	.001
3688.00	.001	3728.00	.001	3768.00	.001	3808.00	.001
3689.00	.001	3729.00	.001	3769.00	.001	3809.00	.001
3690.00	.001	3730.00	.001	3770.00	.001	3810.00	.001
3691.00	.001	3731.00	.001	3771.00	.001	3811.00	.001
3692.00	.001	3732.00	.001	3772.00	.001	3812.00	.001
3693.00	.001	3733.00	.001	3773.00	.001	3813.00	.001
3694.00	.001	3734.00	.001	3774.00	.001	3814.00	.001
3695.00	.001	3735.00	.001	3775.00	.001	3815.00	.001
3696.00	.001	3736.00	.001	3776.00	.001	3816.00	.001
3697.00	.001	3737.00	.001	3777.00	.001	3817.00	.001
3698.00	.001	3738.00	.001	3778.00	.001	3818.00	.001
3699.00	.001	3739.00	.001	3779.00	.001	3819.00	.001
3700.00	.001	3740.00	.001	3780.00	.001	3820.00	.001
3701.00	.001	3741.00	.001	3781.00	.001	3821.00	.001
3702.00	.001	3742.00	.001	3782.00	.001	3822.00	.001
3703.00	.001	3743.00	.001	3783.00	.001	3823.00	.001
3704.00	.001	3744.00	.001	3784.00	.001	3824.00	.001
3705.00	.001	3745.00	.001	3785.00	.001	3825.00	.001
3706.00	.001	3746.00	.001	3786.00	.001	3826.00	.001
3707.00	.001	3747.00	.001	3787.00	.001	3827.00	.001
3708.00	.001	3748.00	.001	3788.00	.001	3828.00	.001
3709.00	.001	3749.00	.001	3789.00	.001	3829.00	.001
3710.00	.001	3750.00	.001	3790.00	.001	3830.00	.001
3711.00	.001	3751.00	.001	3791.00	.001	3831.00	.001
3712.00	.001	3752.00	.001	3792.00	.001	3832.00	.001
3713.00	.001	3753.00	.001	3793.00	.001	3833.00	.001
3714.00	.001	3754.00	.001	3794.00	.001	3834.00	.001
3715.00	.001	3755.00	.001	3795.00	.001	3835.00	.001
3716.00	.001	3756.00	.001	3796.00	.001	3836.00	.001
3717.00	.001	3757.00	.001	3797.00	.001	3837.00	.001
3718.00	.001	3758.00	.001	3798.00	.001	3838.00	.001
3719.00	.001	3759.00	.001	3799.00	.001	3839.00	.001
3720.00	.001	3760.00	.001	3800.00	.001	3840.00	.001

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
3841.00	.001	3881.00	.001	3921.00	.001	3961.00	.001
3842.00	.001	3882.00	.001	3922.00	.001	3962.00	.001
3843.00	.001	3883.00	.001	3923.00	.001	3963.00	.001
3844.00	.001	3884.00	.001	3924.00	.001	3964.00	.001
3845.00	.001	3885.00	.001	3925.00	.001	3965.00	.001
3846.00	.001	3886.00	.001	3926.00	.001	3966.00	.001
3847.00	.001	3887.00	.001	3927.00	.001	3967.00	.001
3848.00	.001	3888.00	.001	3928.00	.001	3968.00	.001
3849.00	.001	3889.00	.001	3929.00	.001	3969.00	.001
3850.00	.001	3890.00	.001	3930.00	.001	3970.00	.001
3851.00	.001	3891.00	.001	3931.00	.001	3971.00	.001
3852.00	.001	3892.00	.001	3932.00	.001	3972.00	.001
3853.00	.001	3893.00	.001	3933.00	.001	3973.00	.001
3854.00	.001	3894.00	.001	3934.00	.001	3974.00	.001
3855.00	.001	3895.00	.001	3935.00	.001	3975.00	.001
3856.00	.001	3896.00	.001	3936.00	.001	3976.00	.001
3857.00	.001	3897.00	.001	3937.00	.001	3977.00	.001
3858.00	.001	3898.00	.001	3938.00	.001	3978.00	.001
3859.00	.001	3899.00	.001	3939.00	.001	3979.00	.001
3860.00	.001	3900.00	.001	3940.00	.001	3980.00	.001
3861.00	.001	3901.00	.001	3941.00	.001	3981.00	.001
3862.00	.001	3902.00	.001	3942.00	.001	3982.00	.001
3863.00	.001	3903.00	.001	3943.00	.001	3983.00	.001
3864.00	.001	3904.00	.001	3944.00	.001	3984.00	.001
3865.00	.001	3905.00	.001	3945.00	.001	3985.00	.001
3866.00	.001	3906.00	.001	3946.00	.001	3986.00	.001
3867.00	.001	3907.00	.001	3947.00	.001	3987.00	.001
3868.00	.001	3908.00	.001	3948.00	.001	3988.00	.001
3869.00	.001	3909.00	.001	3949.00	.001	3989.00	.001
3870.00	.001	3910.00	.001	3950.00	.001	3990.00	.001
3871.00	.001	3911.00	.001	3951.00	.001	3991.00	.001
3872.00	.001	3912.00	.001	3952.00	.001	3992.00	.001
3873.00	.001	3913.00	.001	3953.00	.001	3993.00	.001
3874.00	.001	3914.00	.001	3954.00	.001	3994.00	.001
3875.00	.001	3915.00	.001	3955.00	.001	3995.00	.001
3876.00	.001	3916.00	.001	3956.00	.001	3996.00	.001
3877.00	.001	3917.00	.001	3957.00	.001	3997.00	.001
3878.00	.001	3918.00	.001	3958.00	.001	3998.00	.001
3879.00	.001	3919.00	.001	3959.00	.001	3999.00	.001
3880.00	.001	3920.00	.001	3960.00	.001	4000.00	.001

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
4001.00	.001	4041.00	.001	4081.00	.001	4121.00	.001
4002.00	.001	4042.00	.001	4082.00	.001	4122.00	.001
4003.00	.001	4043.00	.001	4083.00	.001	4123.00	.001
4004.00	.001	4044.00	.001	4084.00	.001	4124.00	.001
4005.00	.001	4045.00	.001	4085.00	.001	4125.00	.001
4006.00	.001	4046.00	.001	4086.00	.001	4126.00	.001
4007.00	.001	4047.00	.001	4087.00	.001	4127.00	.001
4008.00	.001	4048.00	.001	4088.00	.001	4128.00	.001
4009.00	.001	4049.00	.001	4089.00	.001	4129.00	.001
4010.00	.001	4050.00	.001	4090.00	.001	4130.00	.001
4011.00	.001	4051.00	.001	4091.00	.001	4131.00	.001
4012.00	.001	4052.00	.001	4092.00	.001	4132.00	.001
4013.00	.001	4053.00	.001	4093.00	.001	4133.00	.001
4014.00	.001	4054.00	.001	4094.00	.001	4134.00	.001
4015.00	.001	4055.00	.001	4095.00	.001	4135.00	.001
4016.00	.001	4056.00	.001	4096.00	.001	4136.00	.001
4017.00	.001	4057.00	.001	4097.00	.001	4137.00	.001
4018.00	.001	4058.00	.001	4098.00	.001	4138.00	.001
4019.00	.001	4059.00	.001	4099.00	.001	4139.00	.001
4020.00	.001	4060.00	.001	4100.00	.001	4140.00	.001
4021.00	.001	4061.00	.001	4101.00	.001	4141.00	.001
4022.00	.001	4062.00	.001	4102.00	.001	4142.00	.001
4023.00	.001	4063.00	.001	4103.00	.001	4143.00	.001
4024.00	.001	4064.00	.001	4104.00	.001	4144.00	.001
4025.00	.001	4065.00	.001	4105.00	.001	4145.00	.001
4026.00	.001	4066.00	.001	4106.00	.001	4146.00	.001
4027.00	.001	4067.00	.001	4107.00	.001	4147.00	.001
4028.00	.001	4068.00	.001	4108.00	.001	4148.00	.001
4029.00	.001	4069.00	.001	4109.00	.001	4149.00	.001
4030.00	.001	4070.00	.001	4110.00	.001	4150.00	.001
4031.00	.001	4071.00	.001	4111.00	.001	4151.00	.001
4032.00	.001	4072.00	.001	4112.00	.001	4152.00	.001
4033.00	.001	4073.00	.001	4113.00	.001	4153.00	.001
4034.00	.001	4074.00	.001	4114.00	.001	4154.00	.001
4035.00	.001	4075.00	.001	4115.00	.001	4155.00	.001
4036.00	.001	4076.00	.001	4116.00	.001	4156.00	.001
4037.00	.001	4077.00	.001	4117.00	.001	4157.00	.001
4038.00	.001	4078.00	.001	4118.00	.001	4158.00	.001
4039.00	.001	4079.00	.001	4119.00	.001	4159.00	.001
4040.00	.001	4080.00	.001	4120.00	.001	4160.00	.001

TABLE 2
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
4161.00	.001	4201.00	.001	4241.00	.001	4281.00	.001
4162.00	.001	4202.00	.001	4242.00	.001	4282.00	.001
4163.00	.001	4203.00	.001	4243.00	.001	4283.00	.001
4164.00	.001	4204.00	.001	4244.00	.001	4284.00	.001
4165.00	.001	4205.00	.001	4245.00	.001	4285.00	.001
4166.00	.001	4206.00	.001	4246.00	.001	4286.00	.001
4167.00	.001	4207.00	.001	4247.00	.001	4287.00	.001
4168.00	.001	4208.00	.001	4248.00	.001	4288.00	.001
4169.00	.001	4209.00	.001	4249.00	.001	4289.00	.001
4170.00	.001	4210.00	.001	4250.00	.001	4290.00	.001
4171.00	.001	4211.00	.001	4251.00	.001	4291.00	.001
4172.00	.001	4212.00	.001	4252.00	.001	4292.00	.001
4173.00	.001	4213.00	.001	4253.00	.001	4293.00	.001
4174.00	.001	4214.00	.001	4254.00	.001	4294.00	.001
4175.00	.001	4215.00	.001	4255.00	.001	4295.00	.001
4176.00	.001	4216.00	.001	4256.00	.001	4296.00	.001
4177.00	.001	4217.00	.001	4257.00	.001	4297.00	.001
4178.00	.001	4218.00	.001	4258.00	.001	4298.00	.001
4179.00	.001	4219.00	.001	4259.00	.001	4299.00	.001
4180.00	.001	4220.00	.001	4260.00	.001	4300.00	.001
4181.00	.001	4221.00	.001	4261.00	.001	4301.00	.001
4182.00	.001	4222.00	.001	4262.00	.001	4302.00	.001
4183.00	.001	4223.00	.001	4263.00	.001	4303.00	.001
4184.00	.001	4224.00	.001	4264.00	.001	4304.00	.001
4185.00	.001	4225.00	.001	4265.00	.001	4305.00	.001
4186.00	.001	4226.00	.001	4266.00	.001	4306.00	.001
4187.00	.001	4227.00	.001	4267.00	.001	4307.00	.001
4188.00	.001	4228.00	.001	4268.00	.001	4308.00	.001
4189.00	.001	4229.00	.001	4269.00	.001	4309.00	.001
4190.00	.001	4230.00	.001	4270.00	.001	4310.00	.001
4191.00	.001	4231.00	.001	4271.00	.001	4311.00	.001
4192.00	.001	4232.00	.001	4272.00	.001	4312.00	.001
4193.00	.001	4233.00	.001	4273.00	.001	4313.00	.001
4194.00	.001	4234.00	.001	4274.00	.001	4314.00	.001
4195.00	.001	4235.00	.001	4275.00	.001	4315.00	.001
4196.00	.001	4236.00	.001	4276.00	.001	4316.00	.001
4197.00	.001	4237.00	.001	4277.00	.001	4317.00	.001
4198.00	.001	4238.00	.001	4278.00	.001	4318.00	.001
4199.00	.001	4239.00	.001	4279.00	.001	4319.00	.001
4200.00	.001	4240.00	.001	4280.00	.001	4320.00	.001

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
2.00	.089	82.00	.049	162.00	.024	242.00	.015
4.00	.088	84.00	.048	164.00	.024	244.00	.015
6.00	.086	86.00	.047	166.00	.023	246.00	.015
8.00	.085	88.00	.046	168.00	.023	248.00	.014
10.00	.084	90.00	.046	170.00	.022	250.00	.014
12.00	.083	92.00	.045	172.00	.022	252.00	.014
14.00	.082	94.00	.044	174.00	.022	254.00	.014
16.00	.081	96.00	.043	176.00	.021	256.00	.014
18.00	.079	98.00	.043	178.00	.021	258.00	.014
20.00	.078	100.00	.042	180.00	.021	260.00	.014
22.00	.077	102.00	.041	182.00	.020	262.00	.014
24.00	.076	104.00	.040	184.00	.020	264.00	.014
26.00	.075	106.00	.040	186.00	.020	266.00	.014
28.00	.074	108.00	.039	188.00	.019	268.00	.014
30.00	.073	110.00	.038	190.00	.019	270.00	.014
32.00	.072	112.00	.038	192.00	.019	272.00	.014
34.00	.071	114.00	.037	194.00	.018	274.00	.014
36.00	.070	116.00	.036	196.00	.018	276.00	.014
38.00	.069	118.00	.036	198.00	.018	278.00	.014
40.00	.068	120.00	.035	200.00	.018	280.00	.014
42.00	.067	122.00	.034	202.00	.017	282.00	.014
44.00	.066	124.00	.034	204.00	.017	284.00	.014
46.00	.065	126.00	.033	206.00	.017	286.00	.014
48.00	.064	128.00	.033	208.00	.017	288.00	.014
50.00	.063	130.00	.032	210.00	.017	290.00	.014
52.00	.062	132.00	.031	212.00	.016	292.00	.014
54.00	.061	134.00	.031	214.00	.016	294.00	.014
56.00	.060	136.00	.030	216.00	.016	296.00	.014
58.00	.059	138.00	.030	218.00	.016	298.00	.013
60.00	.058	140.00	.029	220.00	.016	300.00	.013
62.00	.057	142.00	.029	222.00	.016	302.00	.013
64.00	.056	144.00	.028	224.00	.015	304.00	.013
66.00	.055	146.00	.028	226.00	.015	306.00	.013
68.00	.055	148.00	.027	228.00	.015	308.00	.013
70.00	.054	150.00	.027	230.00	.015	310.00	.013
72.00	.053	152.00	.026	232.00	.015	312.00	.013
74.00	.052	154.00	.026	234.00	.015	314.00	.013
76.00	.051	156.00	.025	236.00	.015	316.00	.013
78.00	.050	158.00	.025	238.00	.015	318.00	.013
80.00	.050	160.00	.024	240.00	.015	320.00	.013

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
322.00	.013	402.00	.012	482.00	.012	562.00	.011
324.00	.013	404.00	.012	484.00	.012	564.00	.011
326.00	.013	406.00	.012	486.00	.011	566.00	.011
328.00	.013	408.00	.012	488.00	.011	568.00	.011
330.00	.013	410.00	.012	490.00	.011	570.00	.011
332.00	.013	412.00	.012	492.00	.011	572.00	.011
334.00	.013	414.00	.012	494.00	.011	574.00	.011
336.00	.013	416.00	.012	496.00	.011	576.00	.011
338.00	.013	418.00	.012	498.00	.011	578.00	.010
340.00	.013	420.00	.012	500.00	.011	580.00	.010
342.00	.013	422.00	.012	502.00	.011	582.00	.010
344.00	.013	424.00	.012	504.00	.011	584.00	.010
346.00	.013	426.00	.012	506.00	.011	586.00	.010
348.00	.013	428.00	.012	508.00	.011	588.00	.010
350.00	.013	430.00	.012	510.00	.011	590.00	.010
352.00	.013	432.00	.012	512.00	.011	592.00	.010
354.00	.013	434.00	.012	514.00	.011	594.00	.010
356.00	.013	436.00	.012	516.00	.011	596.00	.010
358.00	.013	438.00	.012	518.00	.011	598.00	.010
360.00	.013	440.00	.012	520.00	.011	600.00	.010
362.00	.013	442.00	.012	522.00	.011	602.00	.010
364.00	.013	444.00	.012	524.00	.011	604.00	.010
366.00	.013	446.00	.012	526.00	.011	606.00	.010
368.00	.013	448.00	.012	528.00	.011	608.00	.010
370.00	.013	450.00	.012	530.00	.011	610.00	.010
372.00	.013	452.00	.012	532.00	.011	612.00	.010
374.00	.013	454.00	.012	534.00	.011	614.00	.010
376.00	.013	456.00	.012	536.00	.011	616.00	.010
378.00	.013	458.00	.012	538.00	.011	618.00	.010
380.00	.013	460.00	.012	540.00	.011	620.00	.010
382.00	.012	462.00	.012	542.00	.011	622.00	.010
384.00	.012	464.00	.012	544.00	.011	624.00	.010
386.00	.012	466.00	.012	546.00	.011	626.00	.010
388.00	.012	468.00	.012	548.00	.011	628.00	.010
390.00	.012	470.00	.012	550.00	.011	630.00	.010
392.00	.012	472.00	.012	552.00	.011	632.00	.010
394.00	.012	474.00	.012	554.00	.011	634.00	.010
396.00	.012	476.00	.012	556.00	.011	636.00	.010
398.00	.012	478.00	.012	558.00	.011	638.00	.010
400.00	.012	480.00	.012	560.00	.011	640.00	.010

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
642.00	.010	722.00	.009	802.00	.008	882.00	.007
644.00	.010	724.00	.009	804.00	.008	884.00	.007
646.00	.010	726.00	.009	806.00	.008	886.00	.007
648.00	.010	728.00	.009	808.00	.008	888.00	.007
650.00	.010	730.00	.009	810.00	.008	890.00	.007
652.00	.010	732.00	.009	812.00	.008	892.00	.007
654.00	.010	734.00	.009	814.00	.008	894.00	.007
656.00	.010	736.00	.009	816.00	.008	896.00	.007
658.00	.010	738.00	.009	818.00	.008	898.00	.007
660.00	.010	740.00	.008	820.00	.008	900.00	.007
662.00	.009	742.00	.008	822.00	.008	902.00	.007
664.00	.009	744.00	.008	824.00	.008	904.00	.007
666.00	.009	746.00	.008	826.00	.007	906.00	.007
668.00	.009	748.00	.008	828.00	.007	908.00	.007
670.00	.009	750.00	.008	830.00	.007	910.00	.007
672.00	.009	752.00	.008	832.00	.007	912.00	.007
674.00	.009	754.00	.008	834.00	.007	914.00	.007
676.00	.009	756.00	.008	836.00	.007	916.00	.007
678.00	.009	758.00	.008	838.00	.007	918.00	.007
680.00	.009	760.00	.008	840.00	.007	920.00	.007
682.00	.009	762.00	.008	842.00	.007	922.00	.007
684.00	.009	764.00	.008	844.00	.007	924.00	.007
686.00	.009	766.00	.008	846.00	.007	926.00	.007
688.00	.009	768.00	.008	848.00	.007	928.00	.007
690.00	.009	770.00	.008	850.00	.007	930.00	.007
692.00	.009	772.00	.008	852.00	.007	932.00	.007
694.00	.009	774.00	.008	854.00	.007	934.00	.007
696.00	.009	776.00	.008	856.00	.007	936.00	.007
698.00	.009	778.00	.008	858.00	.007	938.00	.007
700.00	.009	780.00	.008	860.00	.007	940.00	.006
702.00	.009	782.00	.008	862.00	.007	942.00	.006
704.00	.009	784.00	.008	864.00	.007	944.00	.006
706.00	.009	786.00	.008	866.00	.007	946.00	.006
708.00	.009	788.00	.008	868.00	.007	948.00	.006
710.00	.009	790.00	.008	870.00	.007	950.00	.006
712.00	.009	792.00	.008	872.00	.007	952.00	.006
714.00	.009	794.00	.008	874.00	.007	954.00	.006
716.00	.009	796.00	.008	876.00	.007	956.00	.006
718.00	.009	798.00	.008	878.00	.007	958.00	.006
720.00	.009	800.00	.008	880.00	.007	960.00	.006

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
962.00	.006	1042.00	.006	1122.00	.006	1202.00	.005
964.00	.006	1044.00	.006	1124.00	.006	1204.00	.005
966.00	.006	1046.00	.006	1126.00	.006	1206.00	.005
968.00	.006	1048.00	.006	1128.00	.006	1208.00	.005
970.00	.006	1050.00	.006	1130.00	.006	1210.00	.005
972.00	.006	1052.00	.006	1132.00	.006	1212.00	.005
974.00	.006	1054.00	.006	1134.00	.006	1214.00	.005
976.00	.006	1056.00	.006	1136.00	.006	1216.00	.005
978.00	.006	1058.00	.006	1138.00	.006	1218.00	.005
980.00	.006	1060.00	.006	1140.00	.006	1220.00	.005
982.00	.006	1062.00	.006	1142.00	.006	1222.00	.005
984.00	.006	1064.00	.006	1144.00	.006	1224.00	.005
986.00	.006	1066.00	.006	1146.00	.006	1226.00	.005
988.00	.006	1068.00	.006	1148.00	.006	1228.00	.005
990.00	.006	1070.00	.006	1150.00	.006	1230.00	.005
992.00	.006	1072.00	.006	1152.00	.006	1232.00	.005
994.00	.006	1074.00	.006	1154.00	.006	1234.00	.005
996.00	.006	1076.00	.006	1156.00	.006	1236.00	.005
998.00	.006	1078.00	.006	1158.00	.006	1238.00	.005
1000.00	.006	1080.00	.006	1160.00	.006	1240.00	.005
1002.00	.006	1082.00	.006	1162.00	.006	1242.00	.005
1004.00	.006	1084.00	.006	1164.00	.006	1244.00	.005
1006.00	.006	1086.00	.006	1166.00	.005	1246.00	.005
1008.00	.006	1088.00	.006	1168.00	.006	1248.00	.005
1010.00	.006	1090.00	.006	1170.00	.006	1250.00	.005
1012.00	.006	1092.00	.006	1172.00	.006	1252.00	.005
1014.00	.006	1094.00	.006	1174.00	.006	1254.00	.005
1016.00	.006	1096.00	.006	1176.00	.005	1256.00	.005
1018.00	.006	1098.00	.006	1178.00	.005	1258.00	.005
1020.00	.006	1100.00	.006	1180.00	.005	1260.00	.005
1022.00	.006	1102.00	.006	1182.00	.005	1262.00	.005
1024.00	.006	1104.00	.006	1184.00	.005	1264.00	.005
1026.00	.006	1106.00	.006	1186.00	.005	1266.00	.005
1028.00	.006	1108.00	.006	1188.00	.005	1268.00	.005
1030.00	.006	1110.00	.006	1190.00	.005	1270.00	.005
1032.00	.006	1112.00	.006	1192.00	.005	1272.00	.005
1034.00	.006	1114.00	.006	1194.00	.005	1274.00	.005
1036.00	.006	1116.00	.006	1196.00	.005	1276.00	.005
1038.00	.006	1118.00	.006	1198.00	.005	1278.00	.005
1040.00	.006	1120.00	.006	1200.00	.005	1280.00	.005

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
1282.00	.005	1362.00	.005	1442.00	.005	1522.00	.005
1284.00	.005	1364.00	.005	1444.00	.005	1524.00	.005
1286.00	.005	1366.00	.005	1446.00	.005	1526.00	.005
1288.00	.005	1368.00	.005	1448.00	.005	1528.00	.005
1290.00	.005	1370.00	.005	1450.00	.005	1530.00	.005
1292.00	.005	1372.00	.005	1452.00	.005	1532.00	.005
1294.00	.005	1374.00	.005	1454.00	.005	1534.00	.005
1296.00	.005	1376.00	.005	1456.00	.005	1536.00	.005
1298.00	.005	1378.00	.005	1458.00	.005	1538.00	.005
1300.00	.005	1380.00	.005	1460.00	.005	1540.00	.005
1302.00	.005	1382.00	.005	1462.00	.005	1542.00	.005
1304.00	.005	1384.00	.005	1464.00	.005	1544.00	.005
1306.00	.005	1386.00	.005	1466.00	.005	1546.00	.005
1308.00	.005	1388.00	.005	1468.00	.005	1548.00	.005
1310.00	.005	1390.00	.005	1470.00	.005	1550.00	.005
1312.00	.005	1392.00	.005	1472.00	.005	1552.00	.005
1314.00	.005	1394.00	.005	1474.00	.005	1554.00	.005
1316.00	.005	1396.00	.005	1476.00	.005	1556.00	.005
1318.00	.005	1398.00	.005	1478.00	.005	1558.00	.005
1320.00	.005	1400.00	.005	1480.00	.005	1560.00	.005
1322.00	.005	1402.00	.005	1482.00	.005	1562.00	.005
1324.00	.005	1404.00	.005	1484.00	.005	1564.00	.005
1326.00	.005	1406.00	.005	1486.00	.005	1566.00	.005
1328.00	.005	1408.00	.005	1488.00	.005	1568.00	.005
1330.00	.005	1410.00	.005	1490.00	.005	1570.00	.005
1332.00	.005	1412.00	.005	1492.00	.005	1572.00	.005
1334.00	.005	1414.00	.005	1494.00	.005	1574.00	.005
1336.00	.005	1416.00	.005	1496.00	.005	1576.00	.005
1338.00	.005	1418.00	.005	1498.00	.005	1578.00	.005
1340.00	.005	1420.00	.005	1500.00	.005	1580.00	.005
1342.00	.005	1422.00	.005	1502.00	.005	1582.00	.005
1344.00	.005	1424.00	.005	1504.00	.005	1584.00	.005
1346.00	.005	1426.00	.005	1506.00	.005	1586.00	.005
1348.00	.005	1428.00	.005	1508.00	.005	1588.00	.005
1350.00	.005	1430.00	.005	1510.00	.005	1590.00	.005
1352.00	.005	1432.00	.005	1512.00	.005	1592.00	.005
1354.00	.005	1434.00	.005	1514.00	.005	1594.00	.005
1356.00	.005	1436.00	.005	1516.00	.005	1596.00	.005
1358.00	.005	1438.00	.005	1518.00	.005	1598.00	.004
1360.00	.005	1440.00	.005	1520.00	.005	1600.00	.004

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
1602.00	.004	1682.00	.004	1762.00	.004	1842.00	.004
1604.00	.004	1684.00	.004	1764.00	.004	1844.00	.004
1606.00	.004	1686.00	.004	1766.00	.004	1846.00	.004
1608.00	.004	1688.00	.004	1768.00	.004	1848.00	.004
1610.00	.004	1690.00	.004	1770.00	.004	1850.00	.004
1612.00	.004	1692.00	.004	1772.00	.004	1852.00	.004
1614.00	.004	1694.00	.004	1774.00	.004	1854.00	.004
1616.00	.004	1696.00	.004	1776.00	.004	1856.00	.004
1618.00	.004	1698.00	.004	1778.00	.004	1858.00	.004
1620.00	.004	1700.00	.004	1780.00	.004	1860.00	.004
1622.00	.004	1702.00	.004	1782.00	.004	1862.00	.004
1624.00	.004	1704.00	.004	1784.00	.004	1864.00	.004
1626.00	.004	1706.00	.004	1786.00	.004	1866.00	.004
1628.00	.004	1708.00	.004	1788.00	.004	1868.00	.004
1630.00	.004	1710.00	.004	1790.00	.004	1870.00	.004
1632.00	.004	1712.00	.004	1792.00	.004	1872.00	.004
1634.00	.004	1714.00	.004	1794.00	.004	1874.00	.004
1636.00	.004	1716.00	.004	1796.00	.004	1876.00	.004
1638.00	.004	1718.00	.004	1798.00	.004	1878.00	.004
1640.00	.004	1720.00	.004	1800.00	.004	1880.00	.004
1642.00	.004	1722.00	.004	1802.00	.004	1882.00	.004
1644.00	.004	1724.00	.004	1804.00	.004	1884.00	.004
1646.00	.004	1726.00	.004	1806.00	.004	1886.00	.004
1648.00	.004	1728.00	.004	1808.00	.004	1888.00	.004
1650.00	.004	1730.00	.004	1810.00	.004	1890.00	.004
1652.00	.004	1732.00	.004	1812.00	.004	1892.00	.004
1654.00	.004	1734.00	.004	1814.00	.004	1894.00	.004
1656.00	.004	1736.00	.004	1816.00	.004	1896.00	.004
1658.00	.004	1738.00	.004	1818.00	.004	1898.00	.004
1660.00	.004	1740.00	.004	1820.00	.004	1900.00	.004
1662.00	.004	1742.00	.004	1822.00	.004	1902.00	.004
1664.00	.004	1744.00	.004	1824.00	.004	1904.00	.004
1666.00	.004	1746.00	.004	1826.00	.004	1906.00	.004
1668.00	.004	1748.00	.004	1828.00	.004	1908.00	.004
1670.00	.004	1750.00	.004	1830.00	.004	1910.00	.004
1672.00	.004	1752.00	.004	1832.00	.004	1912.00	.004
1674.00	.004	1754.00	.004	1834.00	.004	1914.00	.004
1676.00	.004	1756.00	.004	1836.00	.004	1916.00	.004
1678.00	.004	1758.00	.004	1838.00	.004	1918.00	.004
1680.00	.004	1760.00	.004	1840.00	.004	1920.00	.004

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
1922.00	.004	2002.00	.004	2082.00	.004	2162.00	.003
1924.00	.004	2004.00	.004	2084.00	.004	2164.00	.003
1926.00	.004	2006.00	.004	2086.00	.004	2166.00	.003
1928.00	.004	2008.00	.004	2088.00	.004	2168.00	.003
1930.00	.004	2010.00	.004	2090.00	.004	2170.00	.003
1932.00	.004	2012.00	.004	2092.00	.004	2172.00	.003
1934.00	.004	2014.00	.004	2094.00	.004	2174.00	.003
1936.00	.004	2016.00	.004	2096.00	.004	2176.00	.003
1938.00	.004	2018.00	.004	2098.00	.004	2178.00	.003
1940.00	.004	2020.00	.004	2100.00	.004	2180.00	.003
1942.00	.004	2022.00	.004	2102.00	.004	2182.00	.003
1944.00	.004	2024.00	.004	2104.00	.004	2184.00	.003
1946.00	.004	2026.00	.004	2106.00	.004	2186.00	.003
1948.00	.004	2028.00	.004	2108.00	.004	2188.00	.003
1950.00	.004	2030.00	.004	2110.00	.004	2190.00	.003
1952.00	.004	2032.00	.004	2112.00	.004	2192.00	.003
1954.00	.004	2034.00	.004	2114.00	.004	2194.00	.003
1956.00	.004	2036.00	.004	2116.00	.004	2196.00	.003
1958.00	.004	2038.00	.004	2118.00	.004	2198.00	.003
1960.00	.004	2040.00	.004	2120.00	.004	2200.00	.003
1962.00	.004	2042.00	.004	2122.00	.003	2202.00	.003
1964.00	.004	2044.00	.004	2124.00	.003	2204.00	.003
1966.00	.004	2046.00	.004	2126.00	.003	2206.00	.003
1968.00	.004	2048.00	.004	2128.00	.003	2208.00	.003
1970.00	.004	2050.00	.004	2130.00	.003	2210.00	.003
1972.00	.004	2052.00	.004	2132.00	.003	2212.00	.003
1974.00	.004	2054.00	.004	2134.00	.003	2214.00	.003
1976.00	.004	2056.00	.004	2136.00	.003	2216.00	.003
1978.00	.004	2058.00	.004	2138.00	.003	2218.00	.003
1980.00	.004	2060.00	.004	2140.00	.003	2220.00	.003
1982.00	.004	2062.00	.004	2142.00	.003	2222.00	.003
1984.00	.004	2064.00	.004	2144.00	.003	2224.00	.003
1986.00	.004	2066.00	.004	2146.00	.003	2226.00	.003
1988.00	.004	2068.00	.004	2148.00	.003	2228.00	.003
1990.00	.004	2070.00	.004	2150.00	.003	2230.00	.003
1992.00	.004	2072.00	.004	2152.00	.003	2232.00	.003
1994.00	.004	2074.00	.004	2154.00	.003	2234.00	.003
1996.00	.004	2076.00	.004	2156.00	.003	2236.00	.003
1998.00	.004	2078.00	.004	2158.00	.003	2238.00	.003
2000.00	.004	2080.00	.004	2160.00	.003	2240.00	.003

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
2242.00	.003	2322.00	.003	2402.00	.003	2482.00	.003
2244.00	.003	2324.00	.003	2404.00	.003	2484.00	.003
2246.00	.003	2326.00	.003	2406.00	.003	2486.00	.003
2248.00	.003	2328.00	.003	2408.00	.003	2488.00	.003
2250.00	.003	2330.00	.003	2410.00	.003	2490.00	.003
2252.00	.003	2332.00	.003	2412.00	.003	2492.00	.003
2254.00	.003	2334.00	.003	2414.00	.003	2494.00	.003
2256.00	.003	2336.00	.003	2416.00	.003	2496.00	.003
2258.00	.003	2338.00	.003	2418.00	.003	2498.00	.003
2260.00	.003	2340.00	.003	2420.00	.003	2500.00	.003
2262.00	.003	2342.00	.003	2422.00	.003	2502.00	.003
2264.00	.003	2344.00	.003	2424.00	.003	2504.00	.003
2266.00	.003	2346.00	.003	2426.00	.003	2506.00	.003
2268.00	.003	2348.00	.003	2428.00	.003	2508.00	.003
2270.00	.003	2350.00	.003	2430.00	.003	2510.00	.003
2272.00	.003	2352.00	.003	2432.00	.003	2512.00	.003
2274.00	.003	2354.00	.003	2434.00	.003	2514.00	.003
2276.00	.003	2356.00	.003	2436.00	.003	2516.00	.003
2278.00	.003	2358.00	.003	2438.00	.003	2518.00	.003
2280.00	.003	2360.00	.003	2440.00	.003	2520.00	.003
2282.00	.003	2362.00	.003	2442.00	.003	2522.00	.003
2284.00	.003	2364.00	.003	2444.00	.003	2524.00	.003
2286.00	.003	2366.00	.003	2446.00	.003	2526.00	.003
2288.00	.003	2368.00	.003	2448.00	.003	2528.00	.003
2290.00	.003	2370.00	.003	2450.00	.003	2530.00	.003
2292.00	.003	2372.00	.003	2452.00	.003	2532.00	.003
2294.00	.003	2374.00	.003	2454.00	.003	2534.00	.003
2296.00	.003	2376.00	.003	2456.00	.003	2536.00	.003
2298.00	.003	2378.00	.003	2458.00	.003	2538.00	.003
2300.00	.003	2380.00	.003	2460.00	.003	2540.00	.003
2302.00	.003	2382.00	.003	2462.00	.003	2542.00	.003
2304.00	.003	2384.00	.003	2464.00	.003	2544.00	.003
2306.00	.003	2386.00	.003	2466.00	.003	2546.00	.003
2308.00	.003	2388.00	.003	2468.00	.003	2548.00	.003
2310.00	.003	2390.00	.003	2470.00	.003	2550.00	.003
2312.00	.003	2392.00	.003	2472.00	.003	2552.00	.003
2314.00	.003	2394.00	.003	2474.00	.003	2554.00	.003
2316.00	.003	2396.00	.003	2476.00	.003	2556.00	.003
2318.00	.003	2398.00	.003	2478.00	.003	2558.00	.003
2320.00	.003	2400.00	.003	2480.00	.003	2560.00	.003

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
2562.00	.003	2642.00	.003	2722.00	.003	2802.00	.002
2564.00	.003	2644.00	.003	2724.00	.003	2804.00	.002
2566.00	.003	2646.00	.003	2726.00	.003	2806.00	.002
2568.00	.003	2648.00	.003	2728.00	.003	2808.00	.002
2570.00	.003	2650.00	.003	2730.00	.003	2810.00	.002
2572.00	.003	2652.00	.003	2732.00	.003	2812.00	.002
2574.00	.003	2654.00	.003	2734.00	.003	2814.00	.002
2576.00	.003	2656.00	.003	2736.00	.003	2816.00	.002
2578.00	.003	2658.00	.003	2738.00	.003	2818.00	.002
2580.00	.003	2660.00	.003	2740.00	.003	2820.00	.002
2582.00	.003	2662.00	.003	2742.00	.003	2822.00	.002
2584.00	.003	2664.00	.003	2744.00	.003	2824.00	.002
2586.00	.003	2666.00	.003	2746.00	.003	2826.00	.002
2588.00	.003	2668.00	.003	2748.00	.003	2828.00	.002
2590.00	.003	2670.00	.003	2750.00	.003	2830.00	.002
2592.00	.003	2672.00	.003	2752.00	.003	2832.00	.002
2594.00	.003	2674.00	.003	2754.00	.003	2834.00	.002
2596.00	.003	2676.00	.003	2756.00	.003	2836.00	.002
2598.00	.003	2678.00	.003	2758.00	.003	2838.00	.002
2600.00	.003	2680.00	.003	2760.00	.003	2840.00	.002
2602.00	.003	2682.00	.003	2762.00	.003	2842.00	.002
2604.00	.003	2684.00	.003	2764.00	.003	2844.00	.002
2606.00	.003	2686.00	.003	2766.00	.003	2846.00	.002
2608.00	.003	2688.00	.003	2768.00	.003	2848.00	.002
2610.00	.003	2690.00	.003	2770.00	.002	2850.00	.002
2612.00	.003	2692.00	.003	2772.00	.002	2852.00	.002
2614.00	.003	2694.00	.003	2774.00	.002	2854.00	.002
2616.00	.003	2696.00	.003	2776.00	.002	2856.00	.002
2618.00	.003	2698.00	.003	2778.00	.002	2858.00	.002
2620.00	.003	2700.00	.003	2780.00	.002	2860.00	.002
2622.00	.003	2702.00	.003	2782.00	.002	2862.00	.002
2624.00	.003	2704.00	.003	2784.00	.002	2864.00	.002
2626.00	.003	2706.00	.003	2786.00	.002	2866.00	.002
2628.00	.003	2708.00	.003	2788.00	.002	2868.00	.002
2630.00	.003	2710.00	.003	2790.00	.002	2870.00	.002
2632.00	.003	2712.00	.003	2792.00	.002	2872.00	.002
2634.00	.003	2714.00	.003	2794.00	.002	2874.00	.002
2636.00	.003	2716.00	.003	2796.00	.002	2876.00	.002
2638.00	.003	2718.00	.003	2798.00	.002	2878.00	.002
2640.00	.003	2720.00	.003	2800.00	.002	2880.00	.002

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
2882.00	.002	2962.00	.002	3042.00	.002	3122.00	.002
2884.00	.002	2964.00	.002	3044.00	.002	3124.00	.002
2886.00	.002	2966.00	.002	3046.00	.002	3126.00	.002
2888.00	.002	2968.00	.002	3048.00	.002	3128.00	.002
2890.00	.002	2970.00	.002	3050.00	.002	3130.00	.002
2892.00	.002	2972.00	.002	3052.00	.002	3132.00	.002
2894.00	.002	2974.00	.002	3054.00	.002	3134.00	.002
2896.00	.002	2976.00	.002	3056.00	.002	3136.00	.002
2898.00	.002	2978.00	.002	3058.00	.002	3138.00	.002
2900.00	.002	2980.00	.002	3060.00	.002	3140.00	.002
2902.00	.002	2982.00	.002	3062.00	.002	3142.00	.002
2904.00	.002	2984.00	.002	3064.00	.002	3144.00	.002
2906.00	.002	2986.00	.002	3066.00	.002	3146.00	.002
2908.00	.002	2988.00	.002	3068.00	.002	3148.00	.002
2910.00	.002	2990.00	.002	3070.00	.002	3150.00	.002
2912.00	.002	2992.00	.002	3072.00	.002	3152.00	.002
2914.00	.002	2994.00	.002	3074.00	.002	3154.00	.002
2916.00	.002	2996.00	.002	3076.00	.002	3156.00	.002
2918.00	.002	2998.00	.002	3078.00	.002	3158.00	.002
2920.00	.002	3000.00	.002	3080.00	.002	3160.00	.002
2922.00	.002	3002.00	.002	3082.00	.002	3162.00	.002
2924.00	.002	3004.00	.002	3084.00	.002	3164.00	.002
2926.00	.002	3006.00	.002	3086.00	.002	3166.00	.002
2928.00	.002	3008.00	.002	3088.00	.002	3168.00	.002
2930.00	.002	3010.00	.002	3090.00	.002	3170.00	.002
2932.00	.002	3012.00	.002	3092.00	.002	3172.00	.002
2934.00	.002	3014.00	.002	3094.00	.002	3174.00	.002
2936.00	.002	3016.00	.002	3096.00	.002	3176.00	.002
2938.00	.002	3018.00	.002	3098.00	.002	3178.00	.002
2940.00	.002	3020.00	.002	3100.00	.002	3180.00	.002
2942.00	.002	3022.00	.002	3102.00	.002	3182.00	.002
2944.00	.002	3024.00	.002	3104.00	.002	3184.00	.002
2946.00	.002	3026.00	.002	3106.00	.002	3186.00	.002
2948.00	.002	3028.00	.002	3108.00	.002	3188.00	.002
2950.00	.002	3030.00	.002	3110.00	.002	3190.00	.002
2952.00	.002	3032.00	.002	3112.00	.002	3192.00	.002
2954.00	.002	3034.00	.002	3114.00	.002	3194.00	.002
2956.00	.002	3036.00	.002	3116.00	.002	3196.00	.002
2958.00	.002	3038.00	.002	3118.00	.002	3198.00	.002
2960.00	.002	3040.00	.002	3120.00	.002	3200.00	.002

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
3202.00	.002	3282.00	.002	3362.00	.002	3442.00	.002
3204.00	.002	3284.00	.002	3364.00	.002	3444.00	.002
3206.00	.002	3286.00	.002	3366.00	.002	3446.00	.002
3208.00	.002	3288.00	.002	3368.00	.002	3448.00	.002
3210.00	.002	3290.00	.002	3370.00	.002	3450.00	.002
3212.00	.002	3292.00	.002	3372.00	.002	3452.00	.002
3214.00	.002	3294.00	.002	3374.00	.002	3454.00	.002
3216.00	.002	3296.00	.002	3376.00	.002	3456.00	.002
3218.00	.002	3298.00	.002	3378.00	.002	3458.00	.002
3220.00	.002	3300.00	.002	3380.00	.002	3460.00	.002
3222.00	.002	3302.00	.002	3382.00	.002	3462.00	.002
3224.00	.002	3304.00	.002	3384.00	.002	3464.00	.002
3226.00	.002	3306.00	.002	3386.00	.002	3466.00	.002
3228.00	.002	3308.00	.002	3388.00	.002	3468.00	.002
3230.00	.002	3310.00	.002	3390.00	.002	3470.00	.002
3232.00	.002	3312.00	.002	3392.00	.002	3472.00	.002
3234.00	.002	3314.00	.002	3394.00	.002	3474.00	.002
3236.00	.002	3316.00	.002	3396.00	.002	3476.00	.002
3238.00	.002	3318.00	.002	3398.00	.002	3478.00	.002
3240.00	.002	3320.00	.002	3400.00	.002	3480.00	.002
3242.00	.002	3322.00	.002	3402.00	.002	3482.00	.002
3244.00	.002	3324.00	.002	3404.00	.002	3484.00	.002
3246.00	.002	3326.00	.002	3406.00	.002	3486.00	.002
3248.00	.002	3328.00	.002	3408.00	.002	3488.00	.002
3250.00	.002	3330.00	.002	3410.00	.002	3490.00	.002
3252.00	.002	3332.00	.002	3412.00	.002	3492.00	.002
3254.00	.002	3334.00	.002	3414.00	.002	3494.00	.002
3256.00	.002	3336.00	.002	3416.00	.002	3496.00	.002
3258.00	.002	3338.00	.002	3418.00	.002	3498.00	.002
3260.00	.002	3340.00	.002	3420.00	.002	3500.00	.002
3262.00	.002	3342.00	.002	3422.00	.002	3502.00	.002
3264.00	.002	3344.00	.002	3424.00	.002	3504.00	.002
3266.00	.002	3346.00	.002	3426.00	.002	3506.00	.002
3268.00	.002	3348.00	.002	3428.00	.002	3508.00	.002
3270.00	.002	3350.00	.002	3430.00	.002	3510.00	.002
3272.00	.002	3352.00	.002	3432.00	.002	3512.00	.002
3274.00	.002	3354.00	.002	3434.00	.002	3514.00	.002
3276.00	.002	3356.00	.002	3436.00	.002	3516.00	.002
3278.00	.002	3358.00	.002	3438.00	.002	3518.00	.002
3280.00	.002	3360.00	.002	3440.00	.002	3520.00	.002

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
3522.00	.002	3602.00	.002	3682.00	.002	3762.00	.001
3524.00	.002	3604.00	.002	3684.00	.002	3764.00	.001
3526.00	.002	3606.00	.002	3686.00	.002	3766.00	.001
3528.00	.002	3608.00	.002	3688.00	.002	3768.00	.001
3530.00	.002	3610.00	.002	3690.00	.002	3770.00	.001
3532.00	.002	3612.00	.002	3692.00	.002	3772.00	.001
3534.00	.002	3614.00	.002	3694.00	.002	3774.00	.001
3536.00	.002	3616.00	.002	3696.00	.002	3776.00	.001
3538.00	.002	3618.00	.002	3698.00	.002	3778.00	.001
3540.00	.002	3620.00	.002	3700.00	.002	3780.00	.001
3542.00	.002	3622.00	.002	3702.00	.002	3782.00	.001
3544.00	.002	3624.00	.002	3704.00	.002	3784.00	.001
3546.00	.002	3626.00	.002	3706.00	.002	3786.00	.001
3548.00	.002	3628.00	.002	3708.00	.002	3788.00	.001
3550.00	.002	3630.00	.002	3710.00	.002	3790.00	.001
3552.00	.002	3632.00	.002	3712.00	.002	3792.00	.001
3554.00	.002	3634.00	.002	3714.00	.002	3794.00	.001
3556.00	.002	3636.00	.002	3716.00	.002	3796.00	.001
3558.00	.002	3638.00	.002	3718.00	.002	3798.00	.001
3560.00	.002	3640.00	.002	3720.00	.002	3800.00	.001
3562.00	.002	3642.00	.002	3722.00	.002	3802.00	.001
3564.00	.002	3644.00	.002	3724.00	.002	3804.00	.001
3566.00	.002	3646.00	.002	3726.00	.002	3806.00	.001
3568.00	.002	3648.00	.002	3728.00	.001	3808.00	.001
3570.00	.002	3650.00	.002	3730.00	.001	3810.00	.001
3572.00	.002	3652.00	.002	3732.00	.001	3812.00	.001
3574.00	.002	3654.00	.002	3734.00	.001	3814.00	.001
3576.00	.002	3656.00	.002	3736.00	.001	3816.00	.001
3578.00	.002	3658.00	.002	3738.00	.001	3818.00	.001
3580.00	.002	3660.00	.002	3740.00	.001	3820.00	.001
3582.00	.002	3662.00	.002	3742.00	.001	3822.00	.001
3584.00	.002	3664.00	.002	3744.00	.001	3824.00	.001
3586.00	.002	3666.00	.002	3746.00	.001	3826.00	.001
3588.00	.002	3668.00	.002	3748.00	.001	3828.00	.001
3590.00	.002	3670.00	.002	3750.00	.001	3830.00	.001
3592.00	.002	3672.00	.002	3752.00	.001	3832.00	.001
3594.00	.002	3674.00	.002	3754.00	.001	3834.00	.001
3596.00	.002	3676.00	.002	3756.00	.001	3836.00	.001
3598.00	.002	3678.00	.002	3758.00	.001	3838.00	.001
3600.00	.002	3680.00	.002	3760.00	.001	3840.00	.001

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
3842.00	.001	3922.00	.001	4002.00	.001	4082.00	.001
3844.00	.001	3924.00	.001	4004.00	.001	4084.00	.001
3846.00	.001	3926.00	.001	4006.00	.001	4086.00	.001
3848.00	.001	3928.00	.001	4008.00	.001	4088.00	.001
3850.00	.001	3930.00	.001	4010.00	.001	4090.00	.001
3852.00	.001	3932.00	.001	4012.00	.001	4092.00	.001
3854.00	.001	3934.00	.001	4014.00	.001	4094.00	.001
3856.00	.001	3936.00	.001	4016.00	.001	4096.00	.001
3858.00	.001	3938.00	.001	4018.00	.001	4098.00	.001
3860.00	.001	3940.00	.001	4020.00	.001	4100.00	.001
3862.00	.001	3942.00	.001	4022.00	.001	4102.00	.001
3864.00	.001	3944.00	.001	4024.00	.001	4104.00	.001
3866.00	.001	3946.00	.001	4026.00	.001	4106.00	.001
3868.00	.001	3948.00	.001	4028.00	.001	4108.00	.001
3870.00	.001	3950.00	.001	4030.00	.001	4110.00	.001
3872.00	.001	3952.00	.001	4032.00	.001	4112.00	.001
3874.00	.001	3954.00	.001	4034.00	.001	4114.00	.001
3876.00	.001	3956.00	.001	4036.00	.001	4116.00	.001
3878.00	.001	3958.00	.001	4038.00	.001	4118.00	.001
3880.00	.001	3960.00	.001	4040.00	.001	4120.00	.001
3882.00	.001	3962.00	.001	4042.00	.001	4122.00	.001
3884.00	.001	3964.00	.001	4044.00	.001	4124.00	.001
3886.00	.001	3966.00	.001	4046.00	.001	4126.00	.001
3888.00	.001	3968.00	.001	4048.00	.001	4128.00	.001
3890.00	.001	3970.00	.001	4050.00	.001	4130.00	.001
3892.00	.001	3972.00	.001	4052.00	.001	4132.00	.001
3894.00	.001	3974.00	.001	4054.00	.001	4134.00	.001
3896.00	.001	3976.00	.001	4056.00	.001	4136.00	.001
3898.00	.001	3978.00	.001	4058.00	.001	4138.00	.001
3900.00	.001	3980.00	.001	4060.00	.001	4140.00	.001
3902.00	.001	3982.00	.001	4062.00	.001	4142.00	.001
3904.00	.001	3984.00	.001	4064.00	.001	4144.00	.001
3906.00	.001	3986.00	.001	4066.00	.001	4146.00	.001
3908.00	.001	3988.00	.001	4068.00	.001	4148.00	.001
3910.00	.001	3990.00	.001	4070.00	.001	4150.00	.001
3912.00	.001	3992.00	.001	4072.00	.001	4152.00	.001
3914.00	.001	3994.00	.001	4074.00	.001	4154.00	.001
3916.00	.001	3996.00	.001	4076.00	.001	4156.00	.001
3918.00	.001	3998.00	.001	4078.00	.001	4158.00	.001
3920.00	.001	4000.00	.001	4080.00	.001	4160.00	.001

TABLE 3
NEVADA TEST SITE PMF STUDY
GENERAL STORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
4162.00	.001	4242.00	.001				
4164.00	.001	4244.00	.001				
4166.00	.001	4246.00	.001				
4168.00	.001	4248.00	.001				
4170.00	.001	4250.00	.001				
4172.00	.001	4252.00	.001				
4174.00	.001	4254.00	.001				
4176.00	.001	4256.00	.001				
4178.00	.001	4258.00	.001				
4180.00	.001	4260.00	.001				
4182.00	.001	4262.00	.001				
4184.00	.001	4264.00	.001				
4186.00	.001	4266.00	.001				
4188.00	.001	4268.00	.001				
4190.00	.001	4270.00	.001				
4192.00	.001	4272.00	.001				
4194.00	.001	4274.00	.001				
4196.00	.001	4276.00	.001				
4198.00	.001	4278.00	.001				
4200.00	.001	4280.00	.001				
4202.00	.001	4282.00	.001				
4204.00	.001	4284.00	.001				
4206.00	.001	4286.00	.001				
4208.00	.001	4288.00	.001				
4210.00	.001	4290.00	.001				
4212.00	.001	4292.00	.001				
4214.00	.001	4294.00	.001				
4216.00	.001	4296.00	.001				
4218.00	.001	4298.00	.001				
4220.00	.001	4300.00	.001				
4222.00	.001	4302.00	.001				
4224.00	.001	4304.00	.001				
4226.00	.001	4306.00	.001				
4228.00	.001	4308.00	.001				
4230.00	.001	4310.00	.001				
4232.00	.001	4312.00	.001				
4234.00	.001	4314.00	.001				
4236.00	.001	4316.00	.001				
4238.00	.001	4318.00	.001				
4240.00	.001	4320.00	.001				

TABLE 4
NEVADA TEST SITE PMF STUDY
THUNDERSTORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
1.00	.677	41.0	.055	81.00	.032
2.00	.638	42.0	.055	82.00	.032
3.00	.600	43.0	.054	83.00	.031
4.00	.563	44.0	.053	84.00	.031
5.00	.528	45.0	.052	85.00	.030
6.00	.493	46.0	.051	86.00	.030
7.00	.461	47.0	.051	87.00	.030
8.00	.429	48.0	.050	88.00	.029
9.00	.399	49.0	.049	89.00	.029
10.00	.370	50.0	.049	90.00	.028
11.00	.342	51.0	.048	91.00	.028
12.00	.316	52.0	.047	92.00	.028
13.00	.291	53.0	.047	93.00	.027
14.00	.267	54.0	.046	94.00	.027
15.00	.245	55.0	.045	95.00	.027
16.00	.224	56.0	.045	96.00	.026
17.00	.204	57.0	.044	97.00	.026
18.00	.186	58.0	.044	98.00	.025
19.00	.169	59.0	.043	99.00	.025
20.00	.153	60.0	.042	100.00	.025
21.00	.139	61.0	.042	101.00	.024
22.00	.126	62.0	.041	102.00	.024
23.00	.114	63.0	.041	103.00	.024
24.00	.103	64.0	.040	104.00	.023
25.00	.094	65.0	.040	105.00	.023
26.00	.086	66.0	.039	106.00	.023
27.00	.080	67.0	.039	107.00	.023
28.00	.074	68.0	.038	108.00	.022
29.00	.070	69.0	.038	109.00	.022
30.00	.068	70.0	.037	110.00	.022
31.00	.066	71.0	.037	111.00	.021
32.00	.065	72.0	.036	112.00	.021
33.00	.064	73.0	.036	113.00	.021
34.00	.063	74.0	.035	114.00	.021
35.00	.062	75.0	.035	115.00	.020
36.00	.060	76.0	.034	116.00	.020
37.00	.059	77.0	.034	117.00	.020
38.00	.058	78.0	.033	118.00	.019
39.00	.057	79.0	.033	119.00	.019
40.00	.056	80.0	.033	120.00	.019

TABLE 4
NEVADA TEST SITE PMF STUDY
THUNDERSTORM PMF BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
121.00	.019	161.0	.012	201.00	.011
122.00	.019	162.0	.012	202.00	.011
123.00	.018	163.0	.012	203.00	.011
124.00	.018	164.0	.012	204.00	.011
125.00	.018	165.0	.012	205.00	.011
126.00	.018	166.0	.012	206.00	.011
127.00	.017	167.0	.012	207.00	.011
128.00	.017	168.0	.012	208.00	.011
129.00	.017	169.0	.012	209.00	.011
130.00	.017	170.0	.012	210.00	.010
131.00	.017	171.0	.012	211.00	.010
132.00	.016	172.0	.012	212.00	.010
133.00	.016	173.0	.012	213.00	.010
134.00	.016	174.0	.012	214.00	.010
135.00	.016	175.0	.011	215.00	.010
136.00	.016	176.0	.011	216.00	.010
137.00	.015	177.0	.011	217.00	.010
138.00	.015	178.0	.011	218.00	.010
139.00	.015	179.0	.011	219.00	.010
140.00	.015	180.0	.011	220.00	.010
141.00	.015	181.0	.011	221.00	.010
142.00	.015	182.0	.011	222.00	.010
143.00	.014	183.0	.011	223.00	.010
144.00	.014	184.0	.011	224.00	.010
145.00	.014	185.0	.011	225.00	.010
146.00	.014	186.0	.011	226.00	.010
147.00	.014	187.0	.011	227.00	.010
148.00	.014	188.0	.011	228.00	.010
149.00	.014	189.0	.011	229.00	.010
150.00	.014	190.0	.011	230.00	.009
151.00	.013	191.0	.011	231.00	.009
152.00	.013	192.0	.011	232.00	.009
153.00	.013	193.0	.011	233.00	.009
154.00	.013	194.0	.011	234.00	.009
155.00	.013	195.0	.011	235.00	.009
156.00	.013	196.0	.011	236.00	.009
157.00	.013	197.0	.011	237.00	.009
158.00	.013	198.0	.011	238.00	.009
159.00	.013	199.0	.011	239.00	.009
160.00	.012	200.0	.011	240.00	.009

TABLE 4
NEVADA TEST SITE PMF STUDY
THUNDERSTORM PMP BASED ON HMR 49 AT ONE MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
241.00	.009	281.0	.006	321.00	.004
242.00	.009	282.0	.006	322.00	.004
243.00	.009	283.0	.006	323.00	.004
244.00	.009	284.0	.006	324.00	.004
245.00	.008	285.0	.006	325.00	.004
246.00	.008	286.0	.006	326.00	.004
247.00	.008	287.0	.006	327.00	.004
248.00	.008	288.0	.006	328.00	.004
249.00	.008	289.0	.006	329.00	.004
250.00	.008	290.0	.006	330.00	.003
251.00	.008	291.0	.006	331.00	.003
252.00	.008	292.0	.006	332.00	.003
253.00	.008	293.0	.005	333.00	.003
254.00	.008	294.0	.005	334.00	.003
255.00	.008	295.0	.005	335.00	.003
256.00	.008	296.0	.005	336.00	.003
257.00	.008	297.0	.005	337.00	.003
258.00	.008	298.0	.005	338.00	.003
259.00	.008	299.0	.005	339.00	.003
260.00	.007	300.0	.005	340.00	.003
261.00	.007	301.0	.005	341.00	.003
262.00	.007	302.0	.005	342.00	.003
263.00	.007	303.0	.005	343.00	.003
264.00	.007	304.0	.005	344.00	.003
265.00	.007	305.0	.005	345.00	.003
266.00	.007	306.0	.005	346.00	.003
267.00	.007	307.0	.005	347.00	.003
268.00	.007	308.0	.005	348.00	.003
269.00	.007	309.0	.005	349.00	.003
270.00	.007	310.0	.005	350.00	.003
271.00	.007	311.0	.004	351.00	.003
272.00	.007	312.0	.004	352.00	.002
273.00	.007	313.0	.004	353.00	.002
274.00	.007	314.0	.004	354.00	.002
275.00	.007	315.0	.004	355.00	.002
276.00	.006	316.0	.004	356.00	.002
277.00	.006	317.0	.004	357.00	.002
278.00	.006	318.0	.004	358.00	.002
279.00	.006	319.0	.004	359.00	.002
280.00	.006	320.0	.004	360.00	.002

TABLE 5
NEVADA TEST SITE PMF STUDY
THUNDERSTORM PMP BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
2.00	.934	82.0	.061	162.00	.021
4.00	.872	84.0	.062	164.00	.020
6.00	.812	86.0	.063	166.00	.020
8.00	.755	88.0	.064	168.00	.020
10.00	.699	90.0	.064	170.00	.019
12.00	.646	92.0	.064	172.00	.019
14.00	.595	94.0	.064	174.00	.019
16.00	.546	96.0	.064	176.00	.019
18.00	.500	98.0	.064	178.00	.019
20.00	.456	100.0	.064	180.00	.019
22.00	.414	102.0	.063	182.00	.020
24.00	.374	104.0	.062	184.00	.020
26.00	.337	106.0	.061	186.00	.020
28.00	.301	108.0	.060	188.00	.020
30.00	.268	110.0	.059	190.00	.021
32.00	.237	112.0	.058	192.00	.021
34.00	.209	114.0	.056	194.00	.021
36.00	.183	116.0	.054	196.00	.021
38.00	.158	118.0	.052	198.00	.021
40.00	.137	120.0	.050	200.00	.021
42.00	.117	122.0	.048	202.00	.021
44.00	.100	124.0	.046	204.00	.021
46.00	.084	126.0	.044	206.00	.022
48.00	.072	128.0	.042	208.00	.022
50.00	.061	130.0	.040	210.00	.022
52.00	.052	132.0	.038	212.00	.021
54.00	.046	134.0	.036	214.00	.021
56.00	.042	136.0	.035	216.00	.021
58.00	.040	138.0	.033	218.00	.021
60.00	.041	140.0	.032	220.00	.021
62.00	.043	142.0	.030	222.00	.021
64.00	.046	144.0	.029	224.00	.021
66.00	.048	146.0	.028	226.00	.021
68.00	.051	148.0	.026	228.00	.020
70.00	.053	150.0	.025	230.00	.020
72.00	.054	152.0	.024	232.00	.020
74.00	.056	154.0	.023	234.00	.020
76.00	.058	156.0	.023	236.00	.019
78.00	.059	158.0	.022	238.00	.019
80.00	.060	160.0	.021	240.00	.019

TABLE 5
NEVADA TEST SITE PMF STUDY
THUNDERSTORM PMF BASED ON HMR 49 AT TWO MIN. INCREMENTS

TIME MIN	PRECIP IN	TIME MIN	PRECIP IN	TIME MIN	PRECIP IN
242.00	.018	322.0	.008		
244.00	.018	324.0	.007		
246.00	.018	326.0	.007		
248.00	.017	328.0	.007		
250.00	.017	330.0	.007		
252.00	.017	332.0	.007		
254.00	.016	334.0	.007		
256.00	.016	336.0	.006		
258.00	.016	338.0	.006		
260.00	.015	340.0	.006		
262.00	.015	342.0	.006		
264.00	.015	344.0	.006		
266.00	.014	346.0	.006		
268.00	.014	348.0	.006		
270.00	.014	350.0	.006		
272.00	.013	352.0	.006		
274.00	.013	354.0	.005		
276.00	.013	356.0	.005		
278.00	.012	358.0	.005		
280.00	.012	360.0	.005		
282.00	.012				
284.00	.012				
286.00	.011				
288.00	.011				
290.00	.011				
292.00	.011				
294.00	.010				
296.00	.010				
298.00	.010				
300.00	.010				
302.00	.010				
304.00	.009				
306.00	.009				
308.00	.009				
310.00	.009				
312.00	.008				
314.00	.008				
316.00	.008				
318.00	.008				
320.00	.008				

TABLE 6

PHOENIX MOUNTAIN DIMENSIONLESS GRAPH

ORDINATES AT 2% OF (LAG + D/2) INTERVAL

CURRENT VALUES OF THE DIMENSIONLESS GRAPH ARE:

I	ORD (I)	ORD(I+1)	ORD(I+2)	ORD(I+3)	ORD(I+4)
1	2.06	2.10	2.17	2.28	2.42
6	2.60	2.81	3.07	3.35	3.68
11	4.03	4.43	4.86	5.33	5.83
16	6.37	6.94	7.55	8.19	8.88
21	9.59	10.35	11.14	11.94	12.68
26	13.32	13.88	14.34	14.72	15.07
31	15.42	15.78	16.13	16.42	16.67
36	17.17	18.20	19.78	21.85	23.67
41	24.67	24.83	24.16	22.69	20.97
46	19.43	18.09	16.93	15.97	15.20
51	14.60	14.06	13.57	13.13	12.73
56	12.38	12.08	11.82	11.60	11.43
61	11.27	11.11	10.94	10.76	10.58
66	10.39	10.20	10.00	9.79	9.58
71	9.36	9.13	8.91	8.70	8.48
76	8.28	8.07	7.87	7.68	7.49
81	7.30	7.12	6.94	6.77	6.60
86	6.43	6.27	6.12	5.96	5.81
91	5.66	5.52	5.37	5.23	5.10
96	4.96	4.83	4.71	4.58	4.46
101	4.34	4.23	4.11	4.00	3.90
106	3.79	3.69	3.59	3.50	3.41
111	3.32	3.23	3.15	3.07	2.99
116	2.91	2.84	2.77	2.70	2.63
121	2.56	2.50	2.44	2.38	2.33
126	2.27	2.22	2.17	2.12	2.08
131	2.04	2.00	1.96	1.92	1.88
136	1.85	1.81	1.78	1.74	1.71
141	1.67	1.64	1.60	1.57	1.54
146	1.50	1.47	1.44	1.41	1.38
151	1.35	1.32	1.29	1.26	1.23
156	1.20	1.17	1.14	1.11	1.09
161	1.06	1.03	1.01	.98	.96
166	.93	.91	.88	.86	.83
171	.81	.79	.77	.74	.72
176	.70	.68	.66	.64	.62
181	.60	.58	.56	.55	.53
186	.51	.49	.48	.46	.44
191	.43	.41	.40	.38	.37
196	.36	.34	.33	.32	.31
201	.29	.28	.27	.26	.25
206	.24	.23	.22	.21	.21
211	.20	.19	.18	.18	.17
216	.16	.16	.15	.15	.14
221	.14	.13	.13	.13	.13
226	.12	.12	.12	.12	.12
231	.12	0.00	0.00	0.00	0.00

TABLE 7
Basin Parameter and L Computation Summary

Designation	DA (mi^2)	L (mi)	L_{ca} (mi)	H_1 (ft)	H_2 (ft)	S (ft/mi)	$BF = \frac{L^* L_{ca}}{\sqrt{S}}$	C Thunder Storm / General	Lag (h)
A1	0.09	0.87	0.37	4840	4140	804.60	0.0113	0.5 0.6	0.114 0.137
A2	0.10	0.91	0.45	4840	4145	758.24	0.0149	0.5 0.6	0.125 0.150
B1	4.31	4.39	1.84	5700	3670	462.41	0.3756	0.5 0.6	0.362 0.434
B2	2.99	4.39	1.82	5700	3670	462.41	0.3716	0.5 0.6	0.361 0.433
B3	0.24	0.96	0.45	3850	3645	213.54	0.0296	0.5 0.6	0.157 0.188
C	0.23	1.12	0.52	4710	3790	821.43	0.0203	0.5 0.6	0.138 0.166
D	0.01	0.12	0.06	3860	3690	1416.67	0.0002	0.5 0.6	0.019 0.023
E	0.06	0.53	0.25	4425	3950	896.23	0.0044	0.5 0.6	0.083 0.100
F	0.27	0.93	0.49	4800	4125	725.81	0.0169	0.5 0.6	0.130 0.156
G1	0.36	1.40	0.57	4760	3830	664.29	0.0310	0.5 0.6	0.159 0.191
G2	0.86	2.88	1.49	4810	3845	335.07	0.2344	0.5 0.6	0.310 0.372

TABLE 8

Rainfall Runoff Observations for July 19, 1985 Storm
(Data from USGS)

Ref.	Rainfall Location	Gage	Date	Precipitation (in)	Runoff Observation
1	Top of Exile Hill	Recording	7-19-85	0.9	No flow nearby
2	East Trib. to Drill Hole Wash	Plastic	7-19-85	0.98	Slight runoff in channel following rain in afternoon
3	East Trib. to Coyote Wash	Plastic	7-19-85	2.4	Rain in afternoon resulted in heavy flow in channel
4	NE Trib. to U/S Busted Butte Wash	Plastic	7-19-85	3	Rain in afternoon resulted in heavy channel flow
5	Busted Butte Wash near Forty Mile Wash	Plastic	7-19-85	0.5	Rainfall in afternoon produced no local inflow. 94 ft^3/s was measured from upstream runoff
6	Yucca Mountain	-	7-19-85	0.75-1.0	Rainfall along the top of Yucca Mountain in the afternoon. No runoff came from top of the ridge.
7	Yucca Wash	Plastic	7-18-85 to 7-20-85	1.8	Cumulative rainfall for 3 days. Runoff not reported
8	Forty Mile Wash	Plastic	7-19-85	0.5	17 ft^3/s from upstream no local inflow

Reference number refers to locations on Plate 1

TABLE 9

Sensitivity Test Results for Initial Loss Value

Site	Description	Thunderstorm PMF Peak Comparisons				Thunderstorm PMF Volume Comparison			
		@1 in. Loss ft^3/s	@2 in. Loss ft^3/s	Difference ft^3/s	%	@1 in. Loss acre/ft	@2 in. Loss acre/ft	Difference acre/ft	%
A1	Exp Shaft Main	1611	1611	0	-	61	56	5	8.2
A2	Exp Shaft Aux	1743	1743	0	-	68	63	5	7.4
A3	A1 + A3	3354	3354	0	-	129	119	10	7.8
B1	CNT SRF FAC W/O Pile	41100	41000	100	0.2	2923	2702	221	7.6
B2	CNT SRF FAC W/Pile	28600	28500	100	0.3	2028	1874	154	7.6
B3	CNT SRF FAC E. Arm	3200	3200	0	-	163	150	13	8.0
B4	B1 + B3	43342	43242	100	0.2	3086	2852	234	7.6
B5	B2 + B3	30842	30742	100	0.3	2191	2024	167	7.6
C	Tuff Ramp	3844	3844	0	-	155	144	11	7.1
D	Waste Del Portal	245	245	0	-	7	6	1	14.2
E	Emp Exhst Shaft	1182	1182	0	-	41	38	3	7.3
F	Men & Mat Shaft	4634	4634	0	-	183	169	14	7.7
G1	Tuff Pile W. Drain	4771	4771	0	-	244	226	18	7.4
G2	Tuff Pile E. Drain	8853	8845	8	0.1	583	539	44	8.2
G3	G1 + G2	12959	12948	11	0.1	827	765	62	7.5

TABLE 10
Summary of Clear Water PMF Values
for NNWSI Designs

Thunderstorm PMF
Recommended for Design

Site	DA (mi^2)	Peak (ft^3/s)	Volume (acre-ft)	Duration (h)	Table No.	Plate No.
A1	0.09	1611	61	6	11	30
A2	0.10	1743	68	6	12	31
A3	0.19	3354	129	6	13	32
B1	4.31	41100	2923	6	14	33
B2	2.99	28600	2028	6	15	34
B3	0.24	3200	163	6	16	35
B4	4.55	43300	3096	6	17	36
B5	3.24	30800	2191	6	18	37
C	0.23	3844	155	6	19	38
D	0.01	245	7	6	20	39
E	0.06	1182	41	6	21	40
F	0.27	4634	183	6	22	41
G1	0.36	4771	244	6	23	42
G2	0.86	8853	583	6	24	43
G3	1.22	12959	827	6	25	44

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TABLE 10 (Continued)

Summary of Clear Water PMF Values
for NNWSI Design

General Storm PMF

Site	DA (mi^2)	Peak (ft^3/s)	Volume (acre-ft)	Duration (h)	Table No.	Plate No.
A1	0.09	143.5	35	14	26	45
A2	0.10	159.3	40	14	27	46
A3	0.19	302.7	75	14	28	47
B1	4.31	6076	2054	30	29	48
B2	2.94	4217	1425	30	30	49
B3	0.24	376	115	28	31	50
B4	4.55	6419	2169	30	32	51
B5	3.24	4560	1540	30	33	52
C	0.23	362.4	90	14	34	53
D	0.01	16.8	4	16	35	54
E	0.06	97.6	24	14	36	55
F	0.27	429.1	107	14	37	56
G1	0.36	563	172	28	38	57
G2	0.86	1243	410	28	39	58
G3	1.22	1783	582	28	40	59

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 12:58:50

BASIN DATA

Basin Area= .09 square miles
Lag Time= .11 hours

LOSS DATA

Initial Loss= 1 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 6 hrs
Unit Duration= 1 min

VOLUME

Volume of Dgraph= 2389
Volume of Ugraph= .9955 in
Total Rainfall= 13.905 in
Total Rainfall Excess= 12.679 in

Volume of Fgraph= 44117 cfs- 1.666667E-02 hr
or 61 ac-ft
or 12.655 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 12:58:50

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.00	0.002	0.002	0.000	60	0
2.00	0.002	0.002	0.000	111	0
3.00	0.002	0.002	0.000	196	0
4.00	0.002	0.002	0.000	286	0
5.00	0.002	0.002	0.000	330	0
6.00	0.003	0.003	0.000	492	0
7.00	0.003	0.003	0.000	322	0
8.00	0.003	0.003	0.000	248	0
9.00	0.003	0.003	0.000	219	0
10.00	0.003	0.003	0.000	193	0
11.00	0.003	0.003	0.000	164	0
12.00	0.003	0.003	0.000	138	0
13.00	0.003	0.003	0.000	116	0
14.00	0.003	0.003	0.000	97	0
15.00	0.003	0.003	0.000	81	0
16.00	0.003	0.003	0.000	67	0
17.00	0.003	0.003	0.000	56	0
18.00	0.003	0.003	0.000	48	0
19.00	0.003	0.003	0.000	41	0
20.00	0.003	0.003	0.000	36	0
21.00	0.004	0.004	0.000	31	0
22.00	0.004	0.004	0.000	27	0
23.00	0.004	0.004	0.000	23	0
24.00	0.004	0.004	0.000	19	0
25.00	0.004	0.004	0.000	16	0
26.00	0.004	0.004	0.000	13	0
27.00	0.004	0.004	0.000	10	0
28.00	0.004	0.004	0.000	8	0
29.00	0.004	0.004	0.000	6	0
30.00	0.004	0.004	0.000	5	0
31.00	0.004	0.004	0.000	4	0
32.00	0.004	0.004	0.000	3	0
33.00	0.004	0.004	0.000	2	0
34.00	0.005	0.005	0.000		0
35.00	0.005	0.005	0.000		0
36.00	0.005	0.005	0.000		0
37.00	0.005	0.005	0.000		0
38.00	0.005	0.005	0.000		0
39.00	0.005	0.005	0.000		0
40.00	0.005	0.005	0.000		0
41.00	0.005	0.005	0.000		0

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 12:58:50

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
42.00	0.005	0.005	0.000		0
43.00	0.005	0.005	0.000		0
44.00	0.005	0.005	0.000		0
45.00	0.005	0.005	0.000		0
46.00	0.006	0.006	0.000		0
47.00	0.006	0.006	0.000		0
48.00	0.006	0.006	0.000		0
49.00	0.006	0.006	0.000		0
50.00	0.006	0.006	0.000		0
51.00	0.006	0.006	0.000		0
52.00	0.006	0.006	0.000		0
53.00	0.006	0.006	0.000		0
54.00	0.006	0.006	0.000		0
55.00	0.006	0.006	0.000		0
56.00	0.006	0.006	0.000		0
57.00	0.007	0.007	0.000		0
58.00	0.007	0.007	0.000		0
59.00	0.007	0.007	0.000		0
60.00	0.007	0.007	0.000		0
61.00	0.007	0.007	0.000		0
62.00	0.007	0.007	0.000		0
63.00	0.007	0.007	0.000		0
64.00	0.007	0.007	0.000		0
65.00	0.007	0.007	0.000		0
66.00	0.007	0.007	0.000		0
67.00	0.007	0.007	0.000		0
68.00	0.008	0.008	0.000		0
69.00	0.008	0.008	0.000		0
70.00	0.008	0.008	0.000		0
71.00	0.008	0.008	0.000		0
72.00	0.008	0.008	0.000		0
73.00	0.008	0.008	0.000		0
74.00	0.008	0.008	0.000		0
75.00	0.008	0.008	0.000		0
76.00	0.008	0.008	0.000		0
77.00	0.008	0.008	0.000		0
78.00	0.009	0.009	0.000		0
79.00	0.009	0.009	0.000		0
80.00	0.009	0.009	0.000		0
81.00	0.009	0.009	0.000		0
82.00	0.009	0.009	0.000		0

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 12:58:50

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
83.00	0.009	0.009	0.000		0
84.00	0.009	0.009	0.000		0
85.00	0.009	0.009	0.000		0
86.00	0.009	0.009	0.000		0
87.00	0.009	0.009	0.000		0
88.00	0.010	0.010	0.000		0
89.00	0.010	0.010	0.000		0
90.00	0.010	0.010	0.000		0
91.00	0.010	0.010	0.000		0
92.00	0.010	0.010	0.000		0
93.00	0.010	0.010	0.000		0
94.00	0.010	0.010	0.000		0
95.00	0.010	0.010	0.000		0
96.00	0.010	0.010	0.000		0
97.00	0.010	0.010	0.000		0
98.00	0.010	0.010	0.000		0
99.00	0.010	0.010	0.000		0
100.00	0.010	0.010	0.000		0
101.00	0.011	0.011	0.000		0
102.00	0.011	0.011	0.000		0
103.00	0.011	0.011	0.000		0
104.00	0.011	0.011	0.000		0
105.00	0.011	0.011	0.000		0
106.00	0.011	0.011	0.000		0
107.00	0.011	0.011	0.000		0
108.00	0.011	0.011	0.000		0
109.00	0.011	0.011	0.000		0
110.00	0.011	0.011	0.000		0
111.00	0.011	0.011	0.000		0
112.00	0.011	0.011	0.000		0
113.00	0.011	0.011	0.000		0
114.00	0.011	0.011	0.000		0
115.00	0.011	0.011	0.000		0
116.00	0.011	0.011	0.000		0
117.00	0.011	0.011	0.000		0
118.00	0.011	0.011	0.000		0
119.00	0.011	0.011	0.000		0
120.00	0.011	0.011	0.000		0
121.00	0.011	0.011	0.000		0
122.00	0.011	0.011	0.000		0
123.00	0.011	0.011	0.000		0

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 12:58:50

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
124.00	0.012	0.012	0.000		0
125.00	0.012	0.012	0.000		0
126.00	0.012	0.012	0.000		0
127.00	0.012	0.012	0.000		0
128.00	0.012	0.012	0.000		0
129.00	0.012	0.012	0.000		0
130.00	0.012	0.012	0.000		0
131.00	0.012	0.012	0.000		0
132.00	0.012	0.012	0.000		0
133.00	0.012	0.012	0.000		0
134.00	0.013	0.013	0.000		0
135.00	0.013	0.005	0.008		1
136.00	0.013	0.001	0.012		2
137.00	0.013	0.001	0.012		4
138.00	0.013	0.001	0.012		7
139.00	0.013	0.001	0.012		11
140.00	0.014	0.001	0.013		16
141.00	0.014	0.001	0.013		21
142.00	0.014	0.001	0.013		24
143.00	0.014	0.001	0.013		27
144.00	0.014	0.001	0.013		30
145.00	0.014	0.001	0.013		33
146.00	0.015	0.001	0.014		35
147.00	0.015	0.001	0.014		37
148.00	0.015	0.001	0.014		38
149.00	0.015	0.001	0.014		40
150.00	0.016	0.001	0.015		41
151.00	0.016	0.001	0.015		43
152.00	0.016	0.001	0.015		44
153.00	0.017	0.001	0.016		45
154.00	0.017	0.001	0.016		47
155.00	0.017	0.001	0.016		48
156.00	0.018	0.001	0.017		49
157.00	0.018	0.001	0.017		50
158.00	0.018	0.001	0.017		52
159.00	0.019	0.001	0.018		53
160.00	0.019	0.001	0.018		54
161.00	0.019	0.001	0.018		55
162.00	0.020	0.001	0.019		56
163.00	0.020	0.001	0.019		57
164.00	0.021	0.001	0.020		59

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 12:58:50

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
165.00	0.021	0.001	0.020		60
166.00	0.021	0.001	0.020		61
167.00	0.022	0.001	0.021		62
168.00	0.022	0.001	0.021		64
169.00	0.023	0.001	0.022		65
170.00	0.023	0.001	0.022		66
171.00	0.023	0.001	0.022		68
172.00	0.024	0.001	0.023		69
173.00	0.024	0.001	0.023		70
174.00	0.025	0.001	0.024		72
175.00	0.025	0.001	0.024		73
176.00	0.026	0.001	0.025		74
177.00	0.027	0.001	0.026		76
178.00	0.027	0.001	0.026		77
179.00	0.028	0.001	0.027		79
180.00	0.028	0.001	0.027		81
181.00	0.029	0.001	0.028		83
182.00	0.030	0.001	0.029		85
183.00	0.030	0.001	0.029		86
184.00	0.031	0.001	0.030		88
185.00	0.031	0.001	0.030		90
186.00	0.032	0.001	0.031		92
187.00	0.033	0.001	0.032		94
188.00	0.033	0.001	0.032		96
189.00	0.034	0.001	0.033		98
190.00	0.035	0.001	0.034		100
191.00	0.035	0.001	0.034		102
192.00	0.036	0.001	0.035		105
193.00	0.037	0.001	0.036		107
194.00	0.038	0.001	0.037		109
195.00	0.038	0.001	0.037		111
196.00	0.039	0.001	0.038		114
197.00	0.040	0.001	0.039		116
198.00	0.041	0.001	0.040		118
199.00	0.041	0.001	0.040		121
200.00	0.042	0.001	0.041		123
201.00	0.043	0.001	0.042		126
202.00	0.044	0.001	0.043		128
203.00	0.045	0.001	0.044		131
204.00	0.046	0.001	0.045		134
205.00	0.047	0.001	0.046		136

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 12:58:50

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
206.00	0.048	0.001	0.047		139
207.00	0.049	0.001	0.048		142
208.00	0.050	0.001	0.049		145
209.00	0.051	0.001	0.050		148
210.00	0.052	0.001	0.051		152
211.00	0.053	0.001	0.052		155
212.00	0.055	0.001	0.054		158
213.00	0.055	0.001	0.054		161
214.00	0.057	0.001	0.056		165
215.00	0.058	0.001	0.057		169
216.00	0.060	0.001	0.059		172
217.00	0.062	0.001	0.061		176
218.00	0.064	0.001	0.063		180
219.00	0.065	0.001	0.064		185
220.00	0.068	0.001	0.067		189
221.00	0.070	0.001	0.069		194
222.00	0.080	0.001	0.079		200
223.00	0.086	0.001	0.085		207
224.00	0.103	0.001	0.102		215
225.00	0.114	0.001	0.113		227
226.00	0.139	0.001	0.138		242
227.00	0.153	0.001	0.152		263
228.00	0.186	0.001	0.185		289
229.00	0.204	0.001	0.203		323
230.00	0.245	0.001	0.244		363
231.00	0.267	0.001	0.266		411
232.00	0.316	0.001	0.315		466
233.00	0.342	0.001	0.341		531
234.00	0.399	0.001	0.398		604
235.00	0.429	0.001	0.428		687
236.00	0.493	0.001	0.492		777
237.00	0.528	0.001	0.527		879
238.00	0.600	0.001	0.599		988
239.00	0.638	0.001	0.637		1109
240.00	0.677	0.001	0.676		1235
241.00	0.563	0.001	0.562		1362
242.00	0.461	0.001	0.460		1473
243.00	0.370	0.001	0.369		1562
244.00	0.291	0.001	0.290		1609
245.00	0.224	0.001	0.223		1611
246.00	0.169	0.001	0.168		1549

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 12:58:50

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
247.00	0.126	0.001	0.125		1456
248.00	0.094	0.001	0.093		1346
249.00	0.074	0.001	0.073		1225
250.00	0.066	0.001	0.065		1102
251.00	0.063	0.001	0.062		982
252.00	0.059	0.001	0.058		870
253.00	0.056	0.001	0.055		770
254.00	0.054	0.001	0.053		681
255.00	0.051	0.001	0.050		606
256.00	0.049	0.001	0.048		541
257.00	0.047	0.001	0.046		485
258.00	0.045	0.001	0.044		436
259.00	0.044	0.001	0.043		395
260.00	0.042	0.001	0.041		358
261.00	0.040	0.001	0.039		326
262.00	0.039	0.001	0.038		297
263.00	0.037	0.001	0.036		272
264.00	0.036	0.001	0.035		249
265.00	0.034	0.001	0.033		229
266.00	0.033	0.001	0.032		210
267.00	0.032	0.001	0.031		194
268.00	0.030	0.001	0.029		179
269.00	0.029	0.001	0.028		166
270.00	0.028	0.001	0.027		154
271.00	0.027	0.001	0.026		144
272.00	0.026	0.001	0.025		134
273.00	0.025	0.001	0.024		126
274.00	0.024	0.001	0.023		119
275.00	0.023	0.001	0.022		112
276.00	0.022	0.001	0.021		107
277.00	0.021	0.001	0.020		102
278.00	0.020	0.001	0.019		97
279.00	0.019	0.001	0.018		93
280.00	0.019	0.001	0.018		89
281.00	0.018	0.001	0.017		85
282.00	0.017	0.001	0.016		82
283.00	0.017	0.001	0.016		78
284.00	0.016	0.001	0.015		75
285.00	0.016	0.001	0.015		72
286.00	0.015	0.001	0.014		69
287.00	0.015	0.001	0.014		66

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 12:58:50

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
288.00	0.014	0.001	0.013		64
289.00	0.014	0.001	0.013		62
290.00	0.013	0.001	0.012		59
291.00	0.013	0.001	0.012		57
292.00	0.013	0.001	0.012		55
293.00	0.012	0.001	0.011		53
294.00	0.012	0.001	0.011		51
295.00	0.012	0.001	0.011		49
296.00	0.012	0.001	0.011		48
297.00	0.012	0.001	0.011		46
298.00	0.011	0.001	0.010		45
299.00	0.011	0.001	0.010		44
300.00	0.011	0.001	0.010		43
301.00	0.011	0.001	0.010		42
302.00	0.011	0.001	0.010		41
303.00	0.011	0.001	0.010		40
304.00	0.011	0.001	0.010		39
305.00	0.011	0.001	0.010		38
306.00	0.011	0.001	0.010		38
307.00	0.011	0.001	0.010		37
308.00	0.011	0.001	0.010		37
309.00	0.011	0.001	0.010		37
310.00	0.010	0.001	0.009		36
311.00	0.010	0.001	0.009		36
312.00	0.010	0.001	0.009		36
313.00	0.010	0.001	0.009		35
314.00	0.010	0.001	0.009		35
315.00	0.010	0.001	0.009		34
316.00	0.010	0.001	0.009		34
317.00	0.009	0.001	0.008		33
318.00	0.009	0.001	0.008		33
319.00	0.009	0.001	0.008		33
320.00	0.009	0.001	0.008		32
321.00	0.009	0.001	0.008		32
322.00	0.008	0.001	0.007		31
323.00	0.008	0.001	0.007		30
324.00	0.008	0.001	0.007		30
325.00	0.008	0.001	0.007		29
326.00	0.008	0.001	0.007		29
327.00	0.007	0.001	0.006		28
328.00	0.007	0.001	0.006		27

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 12:58:50

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
329.00	0.007	0.001	0.006		27
330.00	0.007	0.001	0.006		26
331.00	0.007	0.001	0.006		25
332.00	0.006	0.001	0.005		25
333.00	0.006	0.001	0.005		24
334.00	0.006	0.001	0.005		23
335.00	0.006	0.001	0.005		23
336.00	0.006	0.001	0.005		22
337.00	0.006	0.001	0.005		21
338.00	0.005	0.001	0.004		21
339.00	0.005	0.001	0.004		20
340.00	0.005	0.001	0.004		20
341.00	0.005	0.001	0.004		19
342.00	0.005	0.001	0.004		18
343.00	0.005	0.001	0.004		18
344.00	0.004	0.001	0.003		17
345.00	0.004	0.001	0.003		16
346.00	0.004	0.001	0.003		16
347.00	0.004	0.001	0.003		15
348.00	0.004	0.001	0.003		15
349.00	0.004	0.001	0.003		14
350.00	0.003	0.001	0.002		13
351.00	0.003	0.001	0.002		13
352.00	0.003	0.001	0.002		12
353.00	0.003	0.001	0.002		12
354.00	0.003	0.001	0.002		11
355.00	0.003	0.001	0.002		11
356.00	0.003	0.001	0.002		10
357.00	0.002	0.001	0.001		10
358.00	0.002	0.001	0.001		9
359.00	0.002	0.001	0.001		9
360.00	0.002	0.001	0.001		8
361.00					7
362.00					7
363.00					6
364.00					5
365.00					5
366.00					4
367.00					3
368.00					3
369.00					2

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 12:58:50

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
370.00					2
371.00					2
372.00					1
373.00					1
374.00					1
375.00					1
376.00					1
377.00					0
378.00					0
379.00					0
380.00					0
381.00					0
382.00					0
383.00					0
384.00					0
385.00					0
386.00					0
387.00					0
388.00					0
389.00					0
390.00					0
391.00					0
392.00					0

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 13:21:46

BASIN DATA

Basin Area= .1 square miles
Lag Time= .13 hours

LOSS DATA

Initial Loss= 1 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 6 hrs
Unit Duration= 1 min

VOLUME

Volume of Dgraph= 2380
Volume of Ugraph= 1 in
Total Rainfall= 13.905 in
Total Rainfall Excess= 12.679 in

Volume of Fgraph= 49240 cfs- 1.666667E-02 hr
or 68 ac-ft
or 12.722 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 13:21:46

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.00	0.002	0.002	0.000	58	0
2.00	0.002	0.002	0.000	103	0
3.00	0.002	0.002	0.000	177	0
4.00	0.002	0.002	0.000	271	0
5.00	0.002	0.002	0.000	323	0
6.00	0.003	0.003	0.000	423	0
7.00	0.003	0.003	0.000	435	0
8.00	0.003	0.003	0.000	297	0
9.00	0.003	0.003	0.000	244	0
10.00	0.003	0.003	0.000	221	0
11.00	0.003	0.003	0.000	196	0
12.00	0.003	0.003	0.000	168	0
13.00	0.003	0.003	0.000	144	0
14.00	0.003	0.003	0.000	123	0
15.00	0.003	0.003	0.000	104	0
16.00	0.003	0.003	0.000	88	0
17.00	0.003	0.003	0.000	75	0
18.00	0.003	0.003	0.000	63	0
19.00	0.003	0.003	0.000	54	0
20.00	0.003	0.003	0.000	46	0
21.00	0.004	0.004	0.000	40	0
22.00	0.004	0.004	0.000	36	0
23.00	0.004	0.004	0.000	31	0
24.00	0.004	0.004	0.000	27	0
25.00	0.004	0.004	0.000	24	0
26.00	0.004	0.004	0.000	20	0
27.00	0.004	0.004	0.000	17	0
28.00	0.004	0.004	0.000	14	0
29.00	0.004	0.004	0.000	12	0
30.00	0.004	0.004	0.000	10	0
31.00	0.004	0.004	0.000	8	0
32.00	0.004	0.004	0.000	6	0
33.00	0.004	0.004	0.000	5	0
34.00	0.005	0.005	0.000	4	0
35.00	0.005	0.005	0.000	3	0
36.00	0.005	0.005	0.000	3	0
37.00	0.005	0.005	0.000		0
38.00	0.005	0.005	0.000		0
39.00	0.005	0.005	0.000		0
40.00	0.005	0.005	0.000		0
41.00	0.005	0.005	0.000		0

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 13:21:46

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
42.00	0.005	0.005	0.000		0
43.00	0.005	0.005	0.000		0
44.00	0.005	0.005	0.000		0
45.00	0.005	0.005	0.000		0
46.00	0.006	0.006	0.000		0
47.00	0.006	0.006	0.000		0
48.00	0.006	0.006	0.000		0
49.00	0.006	0.006	0.000		0
50.00	0.006	0.006	0.000		0
51.00	0.006	0.006	0.000		0
52.00	0.006	0.006	0.000		0
53.00	0.006	0.006	0.000		0
54.00	0.006	0.006	0.000		0
55.00	0.006	0.006	0.000		0
56.00	0.006	0.006	0.000		0
57.00	0.007	0.007	0.000		0
58.00	0.007	0.007	0.000		0
59.00	0.007	0.007	0.000		0
60.00	0.007	0.007	0.000		0
61.00	0.007	0.007	0.000		0
62.00	0.007	0.007	0.000		0
63.00	0.007	0.007	0.000		0
64.00	0.007	0.007	0.000		0
65.00	0.007	0.007	0.000		0
66.00	0.007	0.007	0.000		0
67.00	0.007	0.007	0.000		0
68.00	0.008	0.008	0.000		0
69.00	0.008	0.008	0.000		0
70.00	0.008	0.008	0.000		0
71.00	0.008	0.008	0.000		0
72.00	0.008	0.008	0.000		0
73.00	0.008	0.008	0.000		0
74.00	0.008	0.008	0.000		0
75.00	0.008	0.008	0.000		0
76.00	0.008	0.008	0.000		0
77.00	0.008	0.008	0.000		0
78.00	0.009	0.009	0.000		0
79.00	0.009	0.009	0.000		0
80.00	0.009	0.009	0.000		0
81.00	0.009	0.009	0.000		0
82.00	0.009	0.009	0.000		0

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 13:21:46

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
83.00	0.009	0.009	0.000		0
84.00	0.009	0.009	0.000		0
85.00	0.009	0.009	0.000		0
86.00	0.009	0.009	0.000		0
87.00	0.009	0.009	0.000		0
88.00	0.010	0.010	0.000		0
89.00	0.010	0.010	0.000		0
90.00	0.010	0.010	0.000		0
91.00	0.010	0.010	0.000		0
92.00	0.010	0.010	0.000		0
93.00	0.010	0.010	0.000		0
94.00	0.010	0.010	0.000		0
95.00	0.010	0.010	0.000		0
96.00	0.010	0.010	0.000		0
97.00	0.010	0.010	0.000		0
98.00	0.010	0.010	0.000		0
99.00	0.010	0.010	0.000		0
100.00	0.010	0.010	0.000		0
101.00	0.011	0.011	0.000		0
102.00	0.011	0.011	0.000		0
103.00	0.011	0.011	0.000		0
104.00	0.011	0.011	0.000		0
105.00	0.011	0.011	0.000		0
106.00	0.011	0.011	0.000		0
107.00	0.011	0.011	0.000		0
108.00	0.011	0.011	0.000		0
109.00	0.011	0.011	0.000		0
110.00	0.011	0.011	0.000		0
111.00	0.011	0.011	0.000		0
112.00	0.011	0.011	0.000		0
113.00	0.011	0.011	0.000		0
114.00	0.011	0.011	0.000		0
115.00	0.011	0.011	0.000		0
116.00	0.011	0.011	0.000		0
117.00	0.011	0.011	0.000		0
118.00	0.011	0.011	0.000		0
119.00	0.011	0.011	0.000		0
120.00	0.011	0.011	0.000		0
121.00	0.011	0.011	0.000		0
122.00	0.011	0.011	0.000		0
123.00	0.011	0.011	0.000		0

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 13:21:46

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
124.00	0.012	0.012	0.000		0
125.00	0.012	0.012	0.000		0
126.00	0.012	0.012	0.000		0
127.00	0.012	0.012	0.000		0
128.00	0.012	0.012	0.000		0
129.00	0.012	0.012	0.000		0
130.00	0.012	0.012	0.000		0
131.00	0.012	0.012	0.000		0
132.00	0.012	0.012	0.000		0
133.00	0.012	0.012	0.000		0
134.00	0.013	0.013	0.000		0
135.00	0.013	0.005	0.008		0
136.00	0.013	0.001	0.012		2
137.00	0.013	0.001	0.012		3
138.00	0.013	0.001	0.012		6
139.00	0.013	0.001	0.012		10
140.00	0.014	0.001	0.013		15
141.00	0.014	0.001	0.013		20
142.00	0.014	0.001	0.013		25
143.00	0.014	0.001	0.013		28
144.00	0.014	0.001	0.013		31
145.00	0.014	0.001	0.013		34
146.00	0.015	0.001	0.014		37
147.00	0.015	0.001	0.014		39
148.00	0.015	0.001	0.014		41
149.00	0.015	0.001	0.014		43
150.00	0.016	0.001	0.015		44
151.00	0.016	0.001	0.015		46
152.00	0.016	0.001	0.015		48
153.00	0.017	0.001	0.016		49
154.00	0.017	0.001	0.016		51
155.00	0.017	0.001	0.016		52
156.00	0.018	0.001	0.017		53
157.00	0.018	0.001	0.017		55
158.00	0.018	0.001	0.017		56
159.00	0.019	0.001	0.018		58
160.00	0.019	0.001	0.018		59
161.00	0.019	0.001	0.018		60
162.00	0.020	0.001	0.019		62
163.00	0.020	0.001	0.019		63
164.00	0.021	0.001	0.020		64

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 13:21:46

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
165.00	0.021	0.001	0.020		66
166.00	0.021	0.001	0.020		67
167.00	0.022	0.001	0.021		69
168.00	0.022	0.001	0.021		70
169.00	0.023	0.001	0.022		71
170.00	0.023	0.001	0.022		73
171.00	0.023	0.001	0.022		74
172.00	0.024	0.001	0.023		76
173.00	0.024	0.001	0.023		77
174.00	0.025	0.001	0.024		79
175.00	0.025	0.001	0.024		80
176.00	0.026	0.001	0.025		82
177.00	0.027	0.001	0.026		84
178.00	0.027	0.001	0.026		85
179.00	0.028	0.001	0.027		87
180.00	0.028	0.001	0.027		89
181.00	0.029	0.001	0.028		91
182.00	0.030	0.001	0.029		93
183.00	0.030	0.001	0.029		95
184.00	0.031	0.001	0.030		97
185.00	0.031	0.001	0.030		99
186.00	0.032	0.001	0.031		101
187.00	0.033	0.001	0.032		104
188.00	0.033	0.001	0.032		106
189.00	0.034	0.001	0.033		108
190.00	0.035	0.001	0.034		110
191.00	0.035	0.001	0.034		113
192.00	0.036	0.001	0.035		115
193.00	0.037	0.001	0.036		117
194.00	0.038	0.001	0.037		120
195.00	0.038	0.001	0.037		122
196.00	0.039	0.001	0.038		125
197.00	0.040	0.001	0.039		127
198.00	0.041	0.001	0.040		130
199.00	0.041	0.001	0.040		133
200.00	0.042	0.001	0.041		136
201.00	0.043	0.001	0.042		138
202.00	0.044	0.001	0.043		141
203.00	0.045	0.001	0.044		144
204.00	0.046	0.001	0.045		147
205.00	0.047	0.001	0.046		150

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 13:21:46

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
206.00	0.048	0.001	0.047		153
207.00	0.049	0.001	0.048		156
208.00	0.050	0.001	0.049		160
209.00	0.051	0.001	0.050		163
210.00	0.052	0.001	0.051		167
211.00	0.053	0.001	0.052		170
212.00	0.055	0.001	0.054		174
213.00	0.055	0.001	0.054		177
214.00	0.057	0.001	0.056		181
215.00	0.058	0.001	0.057		185
216.00	0.060	0.001	0.059		189
217.00	0.062	0.001	0.061		193
218.00	0.064	0.001	0.063		198
219.00	0.065	0.001	0.064		203
220.00	0.068	0.001	0.067		208
221.00	0.070	0.001	0.069		213
222.00	0.080	0.001	0.079		219
223.00	0.086	0.001	0.085		226
224.00	0.103	0.001	0.102		235
225.00	0.114	0.001	0.113		247
226.00	0.139	0.001	0.138		262
227.00	0.153	0.001	0.152		282
228.00	0.186	0.001	0.185		309
229.00	0.204	0.001	0.203		342
230.00	0.245	0.001	0.244		383
231.00	0.267	0.001	0.266		431
232.00	0.316	0.001	0.315		489
233.00	0.342	0.001	0.341		554
234.00	0.399	0.001	0.398		630
235.00	0.429	0.001	0.428		715
236.00	0.493	0.001	0.492		810
237.00	0.528	0.001	0.527		915
238.00	0.600	0.001	0.599		1031
239.00	0.638	0.001	0.637		1157
240.00	0.677	0.001	0.676		1292
241.00	0.563	0.001	0.562		1426
242.00	0.461	0.001	0.460		1550
243.00	0.370	0.001	0.369		1653
244.00	0.291	0.001	0.290		1720
245.00	0.224	0.001	0.223		1743
246.00	0.169	0.001	0.168		1712

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 13:21:46

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
247.00	0.126	0.001	0.125		1630
248.00	0.094	0.001	0.093		1525
249.00	0.074	0.001	0.073		1407
250.00	0.066	0.001	0.065		1282
251.00	0.063	0.001	0.062		1157
252.00	0.059	0.001	0.058		1037
253.00	0.056	0.001	0.055		926
254.00	0.054	0.001	0.053		827
255.00	0.051	0.001	0.050		740
256.00	0.049	0.001	0.048		664
257.00	0.047	0.001	0.046		598
258.00	0.045	0.001	0.044		540
259.00	0.044	0.001	0.043		489
260.00	0.042	0.001	0.041		445
261.00	0.040	0.001	0.039		406
262.00	0.039	0.001	0.038		372
263.00	0.037	0.001	0.036		341
264.00	0.036	0.001	0.035		314
265.00	0.034	0.001	0.033		289
266.00	0.033	0.001	0.032		266
267.00	0.032	0.001	0.031		245
268.00	0.030	0.001	0.029		227
269.00	0.029	0.001	0.028		210
270.00	0.028	0.001	0.027		194
271.00	0.027	0.001	0.026		180
272.00	0.026	0.001	0.025		168
273.00	0.025	0.001	0.024		156
274.00	0.024	0.001	0.023		146
275.00	0.023	0.001	0.022		137
276.00	0.022	0.001	0.021		129
277.00	0.021	0.001	0.020		122
278.00	0.020	0.001	0.019		115
279.00	0.019	0.001	0.018		109
280.00	0.019	0.001	0.018		104
281.00	0.018	0.001	0.017		99
282.00	0.017	0.001	0.016		95
283.00	0.017	0.001	0.016		91
284.00	0.016	0.001	0.015		87
285.00	0.016	0.001	0.015		84
286.00	0.015	0.001	0.014		80
287.00	0.015	0.001	0.014		77

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 13:21:46

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
288.00	0.014	0.001	0.013		74
289.00	0.014	0.001	0.013		71
290.00	0.013	0.001	0.012		69
291.00	0.013	0.001	0.012		66
292.00	0.013	0.001	0.012		64
293.00	0.012	0.001	0.011		61
294.00	0.012	0.001	0.011		59
295.00	0.012	0.001	0.011		57
296.00	0.012	0.001	0.011		55
297.00	0.012	0.001	0.011		54
298.00	0.011	0.001	0.010		52
299.00	0.011	0.001	0.010		50
300.00	0.011	0.001	0.010		49
301.00	0.011	0.001	0.010		48
302.00	0.011	0.001	0.010		47
303.00	0.011	0.001	0.010		46
304.00	0.011	0.001	0.010		45
305.00	0.011	0.001	0.010		44
306.00	0.011	0.001	0.010		43
307.00	0.011	0.001	0.010		42
308.00	0.011	0.001	0.010		42
309.00	0.011	0.001	0.010		42
310.00	0.010	0.001	0.009		41
311.00	0.010	0.001	0.009		41
312.00	0.010	0.001	0.009		40
313.00	0.010	0.001	0.009		40
314.00	0.010	0.001	0.009		39
315.00	0.010	0.001	0.009		39
316.00	0.010	0.001	0.009		38
317.00	0.009	0.001	0.008		38
318.00	0.009	0.001	0.008		37
319.00	0.009	0.001	0.008		37
320.00	0.009	0.001	0.008		36
321.00	0.009	0.001	0.008		36
322.00	0.008	0.001	0.007		35
323.00	0.008	0.001	0.007		34
324.00	0.008	0.001	0.007		34
325.00	0.008	0.001	0.007		33
326.00	0.008	0.001	0.007		32
327.00	0.007	0.001	0.006		32
328.00	0.007	0.001	0.006		31

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 13:21:46

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
329.00	0.007	0.001	0.006		30
330.00	0.007	0.001	0.006		30
331.00	0.007	0.001	0.006		29
332.00	0.006	0.001	0.005		28
333.00	0.006	0.001	0.005		27
334.00	0.006	0.001	0.005		27
335.00	0.006	0.001	0.005		26
336.00	0.006	0.001	0.005		25
337.00	0.006	0.001	0.005		24
338.00	0.005	0.001	0.004		24
339.00	0.005	0.001	0.004		23
340.00	0.005	0.001	0.004		22
341.00	0.005	0.001	0.004		22
342.00	0.005	0.001	0.004		21
343.00	0.005	0.001	0.004		20
344.00	0.004	0.001	0.003		20
345.00	0.004	0.001	0.003		19
346.00	0.004	0.001	0.003		18
347.00	0.004	0.001	0.003		18
348.00	0.004	0.001	0.003		17
349.00	0.004	0.001	0.003		16
350.00	0.003	0.001	0.002		16
351.00	0.003	0.001	0.002		15
352.00	0.003	0.001	0.002		14
353.00	0.003	0.001	0.002		14
354.00	0.003	0.001	0.002		13
355.00	0.003	0.001	0.002		12
356.00	0.003	0.001	0.002		12
357.00	0.002	0.001	0.001		11
358.00	0.002	0.001	0.001		11
359.00	0.002	0.001	0.001		10
360.00	0.002	0.001	0.001		10
361.00					9
362.00					8
363.00					7
364.00					6
365.00					6
366.00					5
367.00					4
368.00					3
369.00					3

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 13:21:46

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
370.00					3
371.00					2
372.00					2
373.00					2
374.00					1
375.00					1
376.00					1
377.00					1
378.00					1
379.00					1
380.00					0
381.00					0
382.00					0
383.00					0
384.00					0
385.00					0
386.00					0
387.00					0
388.00					0
389.00					0
390.00					0
391.00					0
392.00					0
393.00					0
394.00					0
395.00					0

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 13
VersNo= 751.3 Page 1

COMBINE EXPLORATORY SHAFT MAIN & AUX LOCATION

KLB 02-28-1986 10:59:05

FLOOD HYDROGRAPH VOLUME= 93356 CFS * 0.02 HRS
OR 129 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTA1	INTER-VENING cfs)(NEVTA2	)(	)(	)(	)	COMBINED cfs
1	0.0	0.0					0.0
2	0.0	0.0					0.0
3	0.0	0.0					0.0
4	0.0	0.0					0.0
5	0.0	0.0					0.0
6	0.0	0.0					0.0
7	0.0	0.0					0.0
8	0.0	0.0					0.0
9	0.0	0.0					0.0
10	0.0	0.0					0.0
11	0.0	0.0					0.0
12	0.0	0.0					0.0
13	0.0	0.0					0.0
14	0.0	0.0					0.0
15	0.0	0.0					0.0
16	0.0	0.0					0.0
17	0.0	0.0					0.0
18	0.0	0.0					0.0
19	0.0	0.0					0.0
20	0.0	0.0					0.0
21	0.0	0.0					0.0
22	0.0	0.0					0.0
23	0.0	0.0					0.0
24	0.0	0.0					0.0
25	0.0	0.0					0.0
26	0.0	0.0					0.0
27	0.0	0.0					0.0
28	0.0	0.0					0.0
29	0.0	0.0					0.0
30	0.0	0.0					0.0
31	0.0	0.0					0.0
32	0.0	0.0					0.0
33	0.0	0.0					0.0
34	0.0	0.0					0.0
35	0.0	0.0					0.0
36	0.0	0.0					0.0
37	0.0	0.0					0.0
38	0.0	0.0					0.0
39	0.0	0.0					0.0
40	0.0	0.0					0.0

COMBINE EXPLORATORY SHAFT MAIN & AUX LOCATION

KLB 02-28-1986 10:59:05

FLOOD HYDROGRAPH VOLUME= 93356 CFS * 0.02 HRS
OR 129 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTA1	INTER-VENING cfs)(NEVTA2	)(	)(	)(	COMBINED cfs)
41	0.0	0.0				0.0
42	0.0	0.0				0.0
43	0.0	0.0				0.0
44	0.0	0.0				0.0
45	0.0	0.0				0.0
46	0.0	0.0				0.0
47	0.0	0.0				0.0
48	0.0	0.0				0.0
49	0.0	0.0				0.0
50	0.0	0.0				0.0
51	0.0	0.0				0.0
52	0.0	0.0				0.0
53	0.0	0.0				0.0
54	0.0	0.0				0.0
55	0.0	0.0				0.0
56	0.0	0.0				0.0
57	0.0	0.0				0.0
58	0.0	0.0				0.0
59	0.0	0.0				0.0
60	0.0	0.0				0.0
61	0.0	0.0				0.0
62	0.0	0.0				0.0
63	0.0	0.0				0.0
64	0.0	0.0				0.0
65	0.0	0.0				0.0
66	0.0	0.0				0.0
67	0.0	0.0				0.0
68	0.0	0.0				0.0
69	0.0	0.0				0.0
70	0.0	0.0				0.0
71	0.0	0.0				0.0
72	0.0	0.0				0.0
73	0.0	0.0				0.0
74	0.0	0.0				0.0
75	0.0	0.0				0.0
76	0.0	0.0				0.0
77	0.0	0.0				0.0
78	0.0	0.0				0.0
79	0.0	0.0				0.0
80	0.0	0.0				0.0

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 13
VersNo= 751.3 Page 3

COMBINE EXPLORATORY SHAFT MAIN & AUX LOCATION

KLB 02-28-1986 10:59:05

FLOOD HYDROGRAPH VOLUME= 93356 CFS * 0.02 HRS
OR 129 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTA1	INTER-VENING cfs)(NEVTA2	)(	)(	)(	COMBINED cfs)
81	0.0	0.0				0.0
82	0.0	0.0				0.0
83	0.0	0.0				0.0
84	0.0	0.0				0.0
85	0.0	0.0				0.0
86	0.0	0.0				0.0
87	0.0	0.0				0.0
88	0.0	0.0				0.0
89	0.0	0.0				0.0
90	0.0	0.0				0.0
91	0.0	0.0				0.0
92	0.0	0.0				0.0
93	0.0	0.0				0.0
94	0.0	0.0				0.0
95	0.0	0.0				0.0
96	0.0	0.0				0.0
97	0.0	0.0				0.0
98	0.0	0.0				0.0
99	0.0	0.0				0.0
100	0.0	0.0				0.0
101	0.0	0.0				0.0
102	0.0	0.0				0.0
103	0.0	0.0				0.0
104	0.0	0.0				0.0
105	0.0	0.0				0.0
106	0.0	0.0				0.0
107	0.0	0.0				0.0
108	0.0	0.0				0.0
109	0.0	0.0				0.0
110	0.0	0.0				0.0
111	0.0	0.0				0.0
112	0.0	0.0				0.0
113	0.0	0.0				0.0
114	0.0	0.0				0.0
115	0.0	0.0				0.0
116	0.0	0.0				0.0
117	0.0	0.0				0.0
118	0.0	0.0				0.0
119	0.0	0.0				0.0
120	0.0	0.0				0.0

COMBINE EXPLORATORY SHAFT MAIN & AUX LOCATION

KLB 02-28-1986 10:59:05

FLOOD HYDROGRAPH VOLUME= 93356 CFS * 0.02 HRS
OR 129 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTA1	INTER-VENING cfs)(NEVTA2	)(	)(	)(	COMBINED cfs)
121	0.0	0.0				0.0
122	0.0	0.0				0.0
123	0.0	0.0				0.0
124	0.0	0.0				0.0
125	0.0	0.0				0.0
126	0.0	0.0				0.0
127	0.0	0.0				0.0
128	0.0	0.0				0.0
129	0.0	0.0				0.0
130	0.0	0.0				0.0
131	0.0	0.0				0.0
132	0.0	0.0				0.0
133	0.0	0.0				0.0
134	0.0	0.0				0.0
135	0.5	0.5				1.0
136	1.7	1.6				3.2
137	3.7	3.5				7.2
138	6.9	6.4				13.3
139	10.7	10.1				20.9
140	16.2	15.0				31.1
141	20.8	20.3				41.1
142	24.3	24.6				48.9
143	27.4	28.1				55.4
144	30.2	31.2				61.3
145	32.7	34.1				66.8
146	34.9	36.7				71.6
147	36.8	38.9				75.7
148	38.4	40.9				79.4
149	40.0	42.8				82.7
150	41.4	44.5				85.9
151	42.9	46.1				89.0
152	44.1	47.7				91.8
153	45.3	49.1				94.4
154	46.5	50.5				97.0
155	47.8	51.9				99.8
156	49.1	53.4				102.5
157	50.2	54.8				105.0
158	51.6	56.2				107.7
159	52.8	57.6				110.4
160	53.9	58.9				112.8

COMBINE EXPLORATORY SHAFT MAIN & AUX LOCATION

KLB 02-28-1986 10:59:05

FLOOD HYDROGRAPH VOLUME= 93356 CFS * 0.02 HRS
OR 129 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTA1	INTER-VENING cfs)(NEVTA2	)(	)(	)(	COMBINED cfs)
161	55.2	60.3				115.5
162	56.3	61.7				118.0
163	57.4	63.0				120.4
164	58.7	64.4				123.1
165	59.9	65.8				125.7
166	61.1	67.1				128.2
167	62.5	68.6				131.1
168	63.7	70.0				133.7
169	65.1	71.5				136.6
170	66.3	73.0				139.3
171	67.6	74.4				141.9
172	69.0	75.9				144.9
173	70.3	77.4				147.7
174	71.7	78.9				150.6
175	73.0	80.4				153.4
176	74.4	81.9				156.3
177	76.0	83.5				159.5
178	77.5	85.2				162.7
179	79.2	87.0				166.3
180	80.9	88.9				169.8
181	82.7	90.9				173.6
182	84.6	93.0				177.6
183	86.4	95.0				181.4
184	88.4	97.1				185.4
185	90.2	99.2				189.4
186	92.3	101.3				193.6
187	94.3	103.6				197.9
188	96.2	105.8				202.0
189	98.3	108.0				206.3
190	100.3	110.2				210.5
191	102.4	112.5				214.9
192	104.6	114.9				219.6
193	106.7	117.3				224.1
194	109.0	119.8				228.8
195	111.3	122.3				233.6
196	113.6	124.9				238.4
197	116.0	127.4				243.4
198	118.5	130.1				248.6
199	120.9	132.9				253.8
200	123.3	135.6				258.9

COMBINE EXPLORATORY SHAFT MAIN & AUX LOCATION

KLB 02-28-1986 10:59:05

FLOOD HYDROGRAPH VOLUME= 93356 CFS * 0.02 HRS
OR 129 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTA1	INTER-VENING cfs)(NEVTA2	)(	)(	)(	COMBINED cfs)
201	125.8	138.3				264.1
202	128.4	141.1				269.5
203	131.0	144.0				275.0
204	133.5	146.9				280.4
205	136.3	149.8				286.2
206	139.2	153.0				292.2
207	142.2	156.3				298.5
208	145.3	159.6				304.9
209	148.4	163.1				311.4
210	151.6	166.5				318.1
211	154.8	170.1				324.9
212	158.1	173.7				331.9
213	161.5	177.4				338.9
214	164.9	181.2				346.2
215	168.5	185.1				353.6
216	172.2	189.2				361.3
217	176.2	193.4				369.6
218	180.1	197.9				378.0
219	184.5	202.5				387.0
220	189.2	207.6				396.8
221	194.2	212.9				407.2
222	200.0	219.1				419.2
223	206.8	226.3				433.0
224	215.4	235.2				450.6
225	226.9	246.7				473.6
226	242.2	262.2				504.4
227	263.1	282.5				545.6
228	289.3	309.1				598.4
229	322.8	342.1				664.9
230	362.6	382.9				745.5
231	411.1	431.4				842.5
232	466.2	488.7				954.9
233	531.4	554.5				1085.9
234	603.5	630.1				1233.6
235	686.7	714.9				1401.7
236	776.8	810.3				1587.1
237	878.9	915.2				1794.1
238	987.7	1031.3				2019.0
239	1109.2	1157.0				2266.2
240	1234.7	1292.0				2526.7

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 13
VersNo= 751.3 Page 7

COMBINE EXPLORATORY SHAFT MAIN & AUX LOCATION

KLB 02-28-1986 10:59:05

FLOOD HYDROGRAPH VOLUME= 93356 CFS * 0.02 HRS
OR 129 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTA1	INTER-VENING cfs)(NEVTA2	)(	)(	)(	COMBINED cfs)
241	1362.0	1425.7				2787.7
242	1472.8	1550.2				3023.1
243	1562.5	1652.8				3215.3
244	1608.6	1720.3				3328.9
245	1610.9	1743.0				3353.9
246	1549.4	1711.8				3261.3
247	1456.2	1630.5				3086.7
248	1345.6	1524.9				2870.6
249	1225.5	1406.5				2632.0
250	1102.3	1281.8				2384.1
251	982.3	1156.8				2139.1
252	870.4	1036.9				1907.4
253	769.6	926.2				1695.8
254	681.4	826.8				1508.2
255	605.8	739.5				1345.4
256	541.1	663.8				1204.9
257	484.9	597.7				1082.6
258	436.4	539.6				976.0
259	394.5	489.1				883.6
260	357.9	444.9				802.8
261	325.7	406.1				731.8
262	297.3	371.8				669.0
263	271.8	341.1				613.0
264	249.2	313.6				562.8
265	228.7	288.7				517.5
266	210.3	266.0				476.3
267	193.9	245.4				439.2
268	179.0	226.6				405.6
269	165.9	209.5				375.4
270	154.1	194.0				348.1
271	143.6	180.0				323.7
272	134.3	167.5				301.9
273	125.9	156.2				282.1
274	118.7	146.0				264.7
275	112.4	136.9				249.3
276	106.8	128.7				235.6
277	101.8	121.5				223.3
278	97.2	115.1				212.3
279	92.9	109.4				202.3
280	88.9	104.2				193.1

COMBINE EXPLORATORY SHAFT MAIN & AUX LOCATION

KLB 02-28-1986 10:59:05

FLOOD HYDROGRAPH VOLUME= 93356 CFS * 0.02 HRS
OR 129 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTA1	INTER-VENING cfs)(NEVTA2	)(	)(	)(	COMBINED cfs)
281	85.1	99.4				184.5
282	81.5	95.0				176.5
283	78.2	90.9				169.0
284	74.9	87.1				162.0
285	72.0	83.6				155.6
286	69.2	80.3				149.4
287	66.4	77.1				143.5
288	64.0	74.1				138.1
289	61.5	71.3				132.9
290	59.3	68.6				127.9
291	57.1	66.1				123.2
292	55.1	63.7				118.7
293	53.0	61.4				114.4
294	51.2	59.2				110.4
295	49.4	57.1				106.5
296	47.8	55.2				103.0
297	46.5	53.5				100.0
298	45.0	51.9				96.9
299	43.8	50.4				94.2
300	42.8	49.1				91.8
301	41.7	47.8				89.6
302	40.8	46.7				87.4
303	39.7	45.5				85.3
304	39.0	44.5				83.5
305	38.4	43.7				82.1
306	37.8	43.0				80.9
307	37.4	42.5				79.8
308	37.0	41.9				79.0
309	36.7	41.5				78.2
310	36.4	41.1				77.5
311	36.1	40.7				76.7
312	35.7	40.3				75.9
313	35.2	39.8				75.0
314	34.8	39.3				74.1
315	34.2	38.7				72.9
316	33.8	38.1				71.9
317	33.4	37.7				71.1
318	33.0	37.2				70.3
319	32.6	36.8				69.4
320	32.1	36.2				68.3

COMBINE EXPLORATORY SHAFT MAIN & AUX LOCATION

KLB 02-28-1986 10:59:05

FLOOD HYDROGRAPH VOLUME= 93356 CFS * 0.02 HRS
OR 129 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTA1	INTER-VENING cfs)(NEVTA2	)(	)(	)(	COMBINED cfs)
321	31.6	35.7				67.3
322	30.9	35.0				66.0
323	30.4	34.3				64.7
324	29.8	33.7				63.6
325	29.3	33.1				62.4
326	28.7	32.5				61.1
327	27.9	31.7				59.6
328	27.3	30.9				58.2
329	26.7	30.3				57.0
330	26.0	29.6				55.6
331	25.4	28.9				54.3
332	24.6	28.1				52.7
333	24.0	27.3				51.3
334	23.3	26.6				49.9
335	22.7	25.9				48.6
336	22.0	25.2				47.2
337	21.3	24.4				45.7
338	20.7	23.6				44.3
339	20.1	23.0				43.1
340	19.5	22.3				41.9
341	18.9	21.7				40.6
342	18.3	21.0				39.3
343	17.6	20.3				37.9
344	17.0	19.5				36.5
345	16.5	18.9				35.4
346	15.9	18.3				34.2
347	15.3	17.7				33.0
348	14.8	17.0				31.8
349	14.0	16.3				30.3
350	13.5	15.6				29.0
351	13.0	15.0				27.9
352	12.4	14.4				26.8
353	11.8	13.7				25.6
354	11.3	13.1				24.3
355	10.5	12.4				22.9
356	10.0	11.7				21.8
357	9.6	11.2				20.8
358	9.1	10.6				19.8
359	8.6	10.1				18.7
360	8.1	9.5				17.6

COMBINE EXPLORATORY SHAFT MAIN & AUX LOCATION

KLB 02-26-1986 10:59:05

FLOOD HYDROGRAPH VOLUME= 93356 CFS * 0.02 HRS
OR 129 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTA1	INTER-VENING cfs)(NEVTA2	)(	)(	)(	COMBINED cfs)
361	7.5	8.9				16.4
362	6.7	8.1				14.8
363	6.0	7.2				13.2
364	5.3	6.5				11.8
365	4.6	5.7				10.3
366	3.7	4.9				8.6
367	3.1	4.1				7.2
368	2.6	3.5				6.1
369	2.2	3.0				5.2
370	1.8	2.5				4.4
371	1.5	2.1				3.7
372	1.3	1.8				3.1
373	1.1	1.5				2.6
374	0.9	1.3				2.2
375	0.7	1.1				1.8
376	0.6	0.9				1.5
377	0.5	0.8				1.3
378	0.4	0.6				1.0
379	0.3	0.5				0.9
380	0.3	0.4				0.7
381	0.2	0.4				0.6
382	0.2	0.3				0.5
383	0.1	0.2				0.4
384	0.1	0.2				0.3
385	0.1	0.2				0.2
386	0.1	0.1				0.2
387	0.0	0.1				0.1
388	0.0	0.1				0.1
389	0.0	0.1				0.1
390	0.0	0.0				0.0
391	0.0	0.0				0.0
392	0.0	0.0				0.0
393		0.0				0.0
394		0.0				0.0
395		0.0				0.0

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:37:52

BASIN DATA

Basin Area= 4.31 square miles
Lag Time= .36 hours

LOSS DATA

Initial Loss= 1 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 6 hrs
Unit Duration= 2 min

VOLUME

Volume of Dgraph= 2388
Volume of Ugraph= 1 in
Total Rainfall= 13.905 in
Total Rainfall Excess= 12.681 in

Volume of Fgraph= 1061232 cfs- 3.333334E-02 hr
or 2923 ac-ft
or 12.718 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:37:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.00	0.005	0.005	0.000	765	0
4.00	0.005	0.005	0.000	1110	0
6.00	0.006	0.006	0.000	1669	0
8.00	0.006	0.006	0.000	2441	0
10.00	0.006	0.006	0.000	3427	0
12.00	0.006	0.006	0.000	4331	0
14.00	0.006	0.006	0.000	4835	0
16.00	0.006	0.006	0.000	5335	0
18.00	0.007	0.007	0.000	7502	0
20.00	0.007	0.007	0.000	6444	0
22.00	0.007	0.007	0.000	4808	0
24.00	0.007	0.007	0.000	4064	0
26.00	0.008	0.008	0.000	3620	0
28.00	0.008	0.008	0.000	3386	0
30.00	0.008	0.008	0.000	3136	0
32.00	0.008	0.008	0.000	2849	0
34.00	0.009	0.009	0.000	2557	0
36.00	0.009	0.009	0.000	2290	0
38.00	0.009	0.009	0.000	2049	0
40.00	0.010	0.010	0.000	1833	0
42.00	0.010	0.010	0.000	1635	0
44.00	0.010	0.010	0.000	1454	0
46.00	0.011	0.011	0.000	1292	0
48.00	0.011	0.011	0.000	1147	0
50.00	0.011	0.011	0.000	1019	0
52.00	0.012	0.012	0.000	909	0
54.00	0.012	0.012	0.000	812	0
56.00	0.013	0.013	0.000	729	0
58.00	0.013	0.013	0.000	659	0
60.00	0.014	0.014	0.000	602	0
62.00	0.014	0.014	0.000	552	0
64.00	0.015	0.015	0.000	505	0
66.00	0.015	0.015	0.000	460	0
68.00	0.016	0.016	0.000	418	0
70.00	0.016	0.016	0.000	377	0
72.00	0.017	0.017	0.000	339	0
74.00	0.017	0.017	0.000	303	0
76.00	0.018	0.018	0.000	270	0
78.00	0.018	0.018	0.000	238	0
80.00	0.019	0.019	0.000	209	0
82.00	0.019	0.019	0.000	182	0

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:37:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
84.00	0.020	0.020	0.000	158	0
86.00	0.020	0.020	0.000	135	0
88.00	0.020	0.020	0.000	115	0
90.00	0.021	0.021	0.000	98	0
92.00	0.021	0.021	0.000	82	0
94.00	0.021	0.021	0.000	69	0
96.00	0.021	0.021	0.000	58	0
98.00	0.021	0.021	0.000	49	0
100.00	0.022	0.022	0.000	43	0
102.00	0.022	0.022	0.000	38	0
104.00	0.021	0.021	0.000	36	0
106.00	0.021	0.021	0.000		0
108.00	0.021	0.021	0.000		0
110.00	0.021	0.021	0.000		0
112.00	0.021	0.021	0.000		0
114.00	0.021	0.021	0.000		0
116.00	0.020	0.020	0.000		0
118.00	0.020	0.020	0.000		0
120.00	0.019	0.019	0.000		0
122.00	0.019	0.019	0.000		0
124.00	0.019	0.019	0.000		0
126.00	0.019	0.019	0.000		0
128.00	0.020	0.020	0.000		0
130.00	0.020	0.020	0.000		0
132.00	0.021	0.021	0.000		0
134.00	0.021	0.021	0.000		0
136.00	0.023	0.023	0.000		0
138.00	0.023	0.002	0.021		16
140.00	0.025	0.002	0.023		42
142.00	0.026	0.002	0.024		80
144.00	0.029	0.002	0.027		139
146.00	0.030	0.002	0.028		223
148.00	0.033	0.002	0.031		333
150.00	0.035	0.002	0.033		462
152.00	0.038	0.002	0.036		612
154.00	0.040	0.002	0.038		819
156.00	0.044	0.002	0.042		1022
158.00	0.046	0.002	0.044		1202
160.00	0.050	0.002	0.048		1383
162.00	0.052	0.002	0.050		1564
164.00	0.056	0.002	0.054		1756

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:37:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
166.00	0.058	0.002	0.056		1953
168.00	0.060	0.002	0.058		2156
170.00	0.061	0.002	0.059		2361
172.00	0.063	0.002	0.061		2570
174.00	0.064	0.002	0.062		2777
176.00	0.064	0.002	0.062		2983
178.00	0.064	0.002	0.062		3181
180.00	0.064	0.002	0.062		3374
182.00	0.064	0.002	0.062		3555
184.00	0.062	0.002	0.060		3722
186.00	0.061	0.002	0.059		3872
188.00	0.059	0.002	0.057		4007
190.00	0.058	0.002	0.056		4126
192.00	0.054	0.002	0.052		4222
194.00	0.053	0.002	0.051		4299
196.00	0.048	0.002	0.046		4354
198.00	0.046	0.002	0.044		4389
200.00	0.041	0.002	0.039		4398
202.00	0.040	0.002	0.038		4386
204.00	0.046	0.002	0.044		4358
206.00	0.052	0.002	0.050		4320
208.00	0.072	0.002	0.070		4285
210.00	0.084	0.002	0.082		4265
212.00	0.117	0.002	0.115		4287
214.00	0.137	0.002	0.135		4370
216.00	0.183	0.002	0.181		4550
218.00	0.209	0.002	0.207		4848
220.00	0.268	0.002	0.266		5324
222.00	0.301	0.002	0.299		5976
224.00	0.374	0.002	0.372		6866
226.00	0.414	0.002	0.412		7964
228.00	0.500	0.002	0.498		9347
230.00	0.546	0.002	0.544		10968
232.00	0.646	0.002	0.644		12913
234.00	0.699	0.002	0.697		15118
236.00	0.812	0.002	0.810		17680
238.00	0.872	0.002	0.870		20520
240.00	0.934	0.002	0.932		23700
242.00	0.755	0.002	0.753		26959
244.00	0.595	0.002	0.593		30280
246.00	0.456	0.002	0.454		33444

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:37:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
248.00	0.337	0.002	0.335		36341
250.00	0.237	0.002	0.235		38657
252.00	0.158	0.002	0.156		40310
254.00	0.100	0.002	0.098		41123
256.00	0.061	0.002	0.059		41038
258.00	0.042	0.002	0.040		39679
260.00	0.043	0.002	0.041		37450
262.00	0.051	0.002	0.049		34870
264.00	0.056	0.002	0.054		32182
266.00	0.060	0.002	0.058		29534
268.00	0.063	0.002	0.061		27003
270.00	0.064	0.002	0.062		24651
272.00	0.064	0.002	0.062		22515
274.00	0.062	0.002	0.060		20619
276.00	0.059	0.002	0.057		18967
278.00	0.054	0.002	0.052		17515
280.00	0.048	0.002	0.046		16207
282.00	0.042	0.002	0.040		15012
284.00	0.036	0.002	0.034		13915
286.00	0.032	0.002	0.030		12905
288.00	0.028	0.002	0.026		11972
290.00	0.024	0.002	0.022		11104
292.00	0.022	0.002	0.020		10295
294.00	0.020	0.002	0.018		9537
296.00	0.019	0.002	0.017		8826
298.00	0.019	0.002	0.017		8162
300.00	0.020	0.002	0.018		7543
302.00	0.020	0.002	0.018		6968
304.00	0.021	0.002	0.019		6435
306.00	0.021	0.002	0.019		5940
308.00	0.022	0.002	0.020		5485
310.00	0.021	0.002	0.019		5066
312.00	0.021	0.002	0.019		4684
314.00	0.021	0.002	0.019		4338
316.00	0.020	0.002	0.018		4024
318.00	0.019	0.002	0.017		3736
320.00	0.018	0.002	0.016		3474
322.00	0.017	0.002	0.015		3234
324.00	0.016	0.002	0.014		3014
326.00	0.015	0.002	0.013		2810
328.00	0.014	0.002	0.012		2620

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:37:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
330.00	0.013	0.002	0.011		2447
332.00	0.012	0.002	0.010		2283
334.00	0.012	0.002	0.010		2131
336.00	0.011	0.002	0.009		1987
338.00	0.010	0.002	0.008		1853
340.00	0.010	0.002	0.008		1726
342.00	0.009	0.002	0.007		1605
344.00	0.008	0.002	0.006		1489
346.00	0.008	0.002	0.006		1385
348.00	0.007	0.002	0.005		1292
350.00	0.007	0.002	0.005		1209
352.00	0.006	0.002	0.004		1132
354.00	0.006	0.002	0.004		1060
356.00	0.006	0.002	0.004		995
358.00	0.005	0.002	0.003		933
360.00	0.005	0.002	0.003		873
362.00					816
364.00					761
366.00					707
368.00					652
370.00					598
372.00					546
374.00					494
376.00					444
378.00					391
380.00					345
382.00					307
384.00					274
386.00					245
388.00					218
390.00					194
392.00					172
394.00					153
396.00					135
398.00					120
400.00					106
402.00					94
404.00					83
406.00					73
408.00					64
410.00					57

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:37:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
412.00					50
414.00					43
416.00					38
418.00					33
420.00					29
422.00					25
424.00					21
426.00					18
428.00					15
430.00					13
432.00					11
434.00					9
436.00					8
438.00					6
440.00					5
442.00					4
444.00					3
446.00					3
448.00					2
450.00					2
452.00					1
454.00					1
456.00					1
458.00					0
460.00					0
462.00					0

F GRAPH SUMMARY REPORT Table 15
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NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:49:43

BASIN DATA

Basin Area= 2.99 square miles
Lag Time= .36 hours

LOSS DATA

Initial Loss= 1 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 6 hrs
Unit Duration= 2 min

VOLUME

Volume of Dgraph= 2388
Volume of Ugraph= 1 in
Total Rainfall= 13.905 in
Total Rainfall Excess= 12.681 in

Volume of Fgraph= 736215 cfs- 3.333334E-02 hr
or 2028 ac-ft
or 12.719 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:49:43

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.00	0.005	0.005	0.000	533	0
4.00	0.005	0.005	0.000	774	0
6.00	0.006	0.006	0.000	1164	0
8.00	0.006	0.006	0.000	1705	0
10.00	0.006	0.006	0.000	2394	0
12.00	0.006	0.006	0.000	3019	0
14.00	0.006	0.006	0.000	3369	0
16.00	0.006	0.006	0.000	3729	0
18.00	0.007	0.007	0.000	5237	0
20.00	0.007	0.007	0.000	4442	0
22.00	0.007	0.007	0.000	3323	0
24.00	0.007	0.007	0.000	2814	0
26.00	0.008	0.008	0.000	2510	0
28.00	0.008	0.008	0.000	2349	0
30.00	0.008	0.008	0.000	2174	0
32.00	0.008	0.008	0.000	1973	0
34.00	0.009	0.009	0.000	1770	0
36.00	0.009	0.009	0.000	1585	0
38.00	0.009	0.009	0.000	1417	0
40.00	0.010	0.010	0.000	1267	0
42.00	0.010	0.010	0.000	1130	0
44.00	0.010	0.010	0.000	1005	0
46.00	0.011	0.011	0.000	892	0
48.00	0.011	0.011	0.000	792	0
50.00	0.011	0.011	0.000	703	0
52.00	0.012	0.012	0.000	627	0
54.00	0.012	0.012	0.000	561	0
56.00	0.013	0.013	0.000	503	0
58.00	0.013	0.013	0.000	455	0
60.00	0.014	0.014	0.000	416	0
62.00	0.014	0.014	0.000	381	0
64.00	0.015	0.015	0.000	349	0
66.00	0.015	0.015	0.000	317	0
68.00	0.016	0.016	0.000	288	0
70.00	0.016	0.016	0.000	260	0
72.00	0.017	0.017	0.000	233	0
74.00	0.017	0.017	0.000	209	0
76.00	0.018	0.018	0.000	185	0
78.00	0.018	0.018	0.000	164	0
80.00	0.019	0.019	0.000	143	0
82.00	0.019	0.019	0.000	125	0

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:49:43

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
84.00	0.020	0.020	0.000	108	0
86.00	0.020	0.020	0.000	93	0
88.00	0.020	0.020	0.000	79	0
90.00	0.021	0.021	0.000	67	0
92.00	0.021	0.021	0.000	56	0
94.00	0.021	0.021	0.000	47	0
96.00	0.021	0.021	0.000	39	0
98.00	0.021	0.021	0.000	33	0
100.00	0.022	0.022	0.000	29	0
102.00	0.022	0.022	0.000	26	0
104.00	0.021	0.021	0.000	25	0
106.00	0.021	0.021	0.000		0
108.00	0.021	0.021	0.000		0
110.00	0.021	0.021	0.000		0
112.00	0.021	0.021	0.000		0
114.00	0.021	0.021	0.000		0
116.00	0.020	0.020	0.000		0
118.00	0.020	0.020	0.000		0
120.00	0.019	0.019	0.000		0
122.00	0.019	0.019	0.000		0
124.00	0.019	0.019	0.000		0
126.00	0.019	0.019	0.000		0
128.00	0.020	0.020	0.000		0
130.00	0.020	0.020	0.000		0
132.00	0.021	0.021	0.000		0
134.00	0.021	0.021	0.000		0
136.00	0.023	0.023	0.000		0
138.00	0.023	0.002	0.021		11
140.00	0.025	0.002	0.023		29
142.00	0.026	0.002	0.024		56
144.00	0.029	0.002	0.027		97
146.00	0.030	0.002	0.028		155
148.00	0.033	0.002	0.031		232
150.00	0.035	0.002	0.033		322
152.00	0.038	0.002	0.036		427
154.00	0.040	0.002	0.038		572
156.00	0.044	0.002	0.042		712
158.00	0.046	0.002	0.044		837
160.00	0.050	0.002	0.048		962
162.00	0.052	0.002	0.050		1088
164.00	0.056	0.002	0.054		1221

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:49:43

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
166.00	0.058	0.002	0.056		1359
168.00	0.060	0.002	0.058		1500
170.00	0.061	0.002	0.059		1642
172.00	0.063	0.002	0.061		1787
174.00	0.064	0.002	0.062		1931
176.00	0.064	0.002	0.062		2074
178.00	0.064	0.002	0.062		2211
180.00	0.064	0.002	0.062		2345
182.00	0.064	0.002	0.062		2471
184.00	0.062	0.002	0.060		2586
186.00	0.061	0.002	0.059		2690
188.00	0.059	0.002	0.057		2784
190.00	0.058	0.002	0.056		2866
192.00	0.054	0.002	0.052		2932
194.00	0.053	0.002	0.051		2985
196.00	0.048	0.002	0.046		3023
198.00	0.046	0.002	0.044		3047
200.00	0.041	0.002	0.039		3053
202.00	0.040	0.002	0.038		3044
204.00	0.046	0.002	0.044		3024
206.00	0.052	0.002	0.050		2998
208.00	0.072	0.002	0.070		2973
210.00	0.084	0.002	0.082		2959
212.00	0.117	0.002	0.115		2975
214.00	0.137	0.002	0.135		3032
216.00	0.183	0.002	0.181		3158
218.00	0.209	0.002	0.207		3366
220.00	0.268	0.002	0.266		3699
222.00	0.301	0.002	0.299		4153
224.00	0.374	0.002	0.372		4774
226.00	0.414	0.002	0.412		5539
228.00	0.500	0.002	0.498		6502
230.00	0.546	0.002	0.544		7631
232.00	0.646	0.002	0.644		8986
234.00	0.699	0.002	0.697		10520
236.00	0.812	0.002	0.810		12304
238.00	0.872	0.002	0.870		14279
240.00	0.934	0.002	0.932		16492
242.00	0.755	0.002	0.753		18758
244.00	0.595	0.002	0.593		21068
246.00	0.456	0.002	0.454		23265

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:49:43

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
248.00	0.337	0.002	0.335		25276
250.00	0.237	0.002	0.235		26878
252.00	0.158	0.002	0.156		28019
254.00	0.100	0.002	0.098		28571
256.00	0.061	0.002	0.059		28495
258.00	0.042	0.002	0.040		27530
260.00	0.043	0.002	0.041		25972
262.00	0.051	0.002	0.049		24174
264.00	0.056	0.002	0.054		22304
266.00	0.060	0.002	0.058		20462
268.00	0.063	0.002	0.061		18704
270.00	0.064	0.002	0.062		17070
272.00	0.064	0.002	0.062		15588
274.00	0.062	0.002	0.060		14273
276.00	0.059	0.002	0.057		13128
278.00	0.054	0.002	0.052		12122
280.00	0.048	0.002	0.046		11215
282.00	0.042	0.002	0.040		10386
284.00	0.036	0.002	0.034		9626
286.00	0.032	0.002	0.030		8926
288.00	0.028	0.002	0.026		8280
290.00	0.024	0.002	0.022		7680
292.00	0.022	0.002	0.020		7120
294.00	0.020	0.002	0.018		6595
296.00	0.019	0.002	0.017		6102
298.00	0.019	0.002	0.017		5642
300.00	0.020	0.002	0.018		5213
302.00	0.020	0.002	0.018		4815
304.00	0.021	0.002	0.019		4446
306.00	0.021	0.002	0.019		4103
308.00	0.022	0.002	0.020		3787
310.00	0.021	0.002	0.019		3498
312.00	0.021	0.002	0.019		3233
314.00	0.021	0.002	0.019		2994
316.00	0.020	0.002	0.018		2777
318.00	0.019	0.002	0.017		2578
320.00	0.018	0.002	0.016		2397
322.00	0.017	0.002	0.015		2232
324.00	0.016	0.002	0.014		2080
326.00	0.015	0.002	0.013		1939
328.00	0.014	0.002	0.012		1809

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:49:43

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
330.00	0.013	0.002	0.011		1690
332.00	0.012	0.002	0.010		1577
334.00	0.012	0.002	0.010		1472
336.00	0.011	0.002	0.009		1374
338.00	0.010	0.002	0.008		1281
340.00	0.010	0.002	0.008		1194
342.00	0.009	0.002	0.007		1110
344.00	0.008	0.002	0.006		1030
346.00	0.008	0.002	0.006		959
348.00	0.007	0.002	0.005		894
350.00	0.007	0.002	0.005		837
352.00	0.006	0.002	0.004		784
354.00	0.006	0.002	0.004		734
356.00	0.006	0.002	0.004		689
358.00	0.005	0.002	0.003		645
360.00	0.005	0.002	0.003		604
362.00					565
364.00					526
366.00					489
368.00					451
370.00					414
372.00					378
374.00					341
376.00					307
378.00					270
380.00					238
382.00					212
384.00					189
386.00					169
388.00					150
390.00					134
392.00					119
394.00					105
396.00					93
398.00					83
400.00					73
402.00					65
404.00					57
406.00					50
408.00					44
410.00					39

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 13:49:43

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
412.00					34
414.00					30
416.00					26
418.00					23
420.00					20
422.00					17
424.00					15
426.00					12
428.00					11
430.00					9
432.00					7
434.00					6
436.00					5
438.00					4
440.00					3
442.00					3
444.00					2
446.00					2
448.00					1
450.00					1
452.00					1
454.00					1
456.00					0
458.00					0
460.00					0
462.00					0

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 14:09:39

BASIN DATA

Basin Area= .24 square miles
Lag Time= .16 hours

LOSS DATA

Initial Loss= 1 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 6 hrs
Unit Duration= .03 hrs

VOLUME

Volume of Dgraph= 2380
Volume of Ugraph= 1 in
Total Rainfall= 13.905 in
Total Rainfall Excess= 12.681 in

Volume of Fgraph= 59094 cfs- 3.333334E-02 hr
or 163 ac-ft
or 12.72 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 14:09:39

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
0.03	0.005	0.005	0.000	146	0
0.07	0.005	0.005	0.000	338	0
0.10	0.006	0.006	0.000	562	0
0.13	0.006	0.006	0.000	848	0
0.17	0.006	0.006	0.000	599	0
0.20	0.006	0.006	0.000	438	0
0.23	0.006	0.006	0.000	373	0
0.27	0.006	0.006	0.000	297	0
0.30	0.007	0.007	0.000	233	0
0.33	0.007	0.007	0.000	181	0
0.37	0.007	0.007	0.000	140	0
0.40	0.007	0.007	0.000	109	0
0.43	0.008	0.008	0.000	86	0
0.47	0.008	0.008	0.000	70	0
0.50	0.008	0.008	0.000	58	0
0.53	0.008	0.008	0.000	46	0
0.57	0.009	0.009	0.000	37	0
0.60	0.009	0.009	0.000	28	0
0.63	0.009	0.009	0.000	21	0
0.67	0.010	0.010	0.000	15	0
0.70	0.010	0.010	0.000	10	0
0.73	0.010	0.010	0.000	7	0
0.77	0.011	0.011	0.000	5	0
0.80	0.011	0.011	0.000		0
0.83	0.011	0.011	0.000		0
0.87	0.012	0.012	0.000		0
0.90	0.012	0.012	0.000		0
0.93	0.013	0.013	0.000		0
0.97	0.013	0.013	0.000		0
1.00	0.014	0.014	0.000		0
1.03	0.014	0.014	0.000		0
1.07	0.015	0.015	0.000		0
1.10	0.015	0.015	0.000		0
1.13	0.016	0.016	0.000		0
1.17	0.016	0.016	0.000		0
1.20	0.017	0.017	0.000		0
1.23	0.017	0.017	0.000		0
1.27	0.018	0.018	0.000		0
1.30	0.018	0.018	0.000		0
1.33	0.019	0.019	0.000		0
1.37	0.019	0.019	0.000		0

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 14:09:39

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.40	0.020	0.020	0.000		0
1.43	0.020	0.020	0.000		0
1.47	0.020	0.020	0.000		0
1.50	0.021	0.021	0.000		0
1.53	0.021	0.021	0.000		0
1.57	0.021	0.021	0.000		0
1.60	0.021	0.021	0.000		0
1.63	0.021	0.021	0.000		0
1.67	0.022	0.022	0.000		0
1.70	0.022	0.022	0.000		0
1.73	0.021	0.021	0.000		0
1.77	0.021	0.021	0.000		0
1.80	0.021	0.021	0.000		0
1.83	0.021	0.021	0.000		0
1.87	0.021	0.021	0.000		0
1.90	0.021	0.021	0.000		0
1.93	0.020	0.020	0.000		0
1.97	0.020	0.020	0.000		0
2.00	0.019	0.019	0.000		0
2.03	0.019	0.019	0.000		0
2.07	0.019	0.019	0.000		0
2.10	0.019	0.019	0.000		0
2.13	0.020	0.020	0.000		0
2.17	0.020	0.020	0.000		0
2.20	0.021	0.021	0.000		0
2.23	0.021	0.021	0.000		0
2.27	0.023	0.023	0.000		0
2.30	0.023	0.002	0.021		3
2.33	0.025	0.002	0.023		11
2.37	0.026	0.002	0.024		23
2.40	0.029	0.002	0.027		43
2.43	0.030	0.002	0.028		60
2.47	0.033	0.002	0.031		73
2.50	0.035	0.002	0.033		87
2.53	0.038	0.002	0.036		100
2.57	0.040	0.002	0.038		113
2.60	0.044	0.002	0.042		126
2.63	0.046	0.002	0.044		138
2.67	0.050	0.002	0.048		151
2.70	0.052	0.002	0.050		164
2.73	0.056	0.002	0.054		178

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 14:09:39

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.77	0.058	0.002	0.056		191
2.80	0.060	0.002	0.058		205
2.83	0.061	0.002	0.059		218
2.87	0.063	0.002	0.061		230
2.90	0.064	0.002	0.062		241
2.93	0.064	0.002	0.062		250
2.97	0.064	0.002	0.062		259
3.00	0.064	0.002	0.062		266
3.03	0.064	0.002	0.062		271
3.07	0.062	0.002	0.060		275
3.10	0.061	0.002	0.059		278
3.13	0.059	0.002	0.057		278
3.17	0.058	0.002	0.056		277
3.20	0.054	0.002	0.052		275
3.23	0.053	0.002	0.051		271
3.27	0.048	0.002	0.046		265
3.30	0.046	0.002	0.044		258
3.33	0.041	0.002	0.039		249
3.37	0.040	0.002	0.038		238
3.40	0.046	0.002	0.044		228
3.43	0.052	0.002	0.050		221
3.47	0.072	0.002	0.070		221
3.50	0.084	0.002	0.082		231
3.53	0.117	0.002	0.115		255
3.57	0.137	0.002	0.135		294
3.60	0.183	0.002	0.181		350
3.63	0.209	0.002	0.207		426
3.67	0.268	0.002	0.266		520
3.70	0.301	0.002	0.299		636
3.73	0.374	0.002	0.372		771
3.77	0.414	0.002	0.412		930
3.80	0.500	0.002	0.498		1107
3.83	0.546	0.002	0.544		1311
3.87	0.646	0.002	0.644		1534
3.90	0.699	0.002	0.697		1783
3.93	0.812	0.002	0.810		2051
3.97	0.872	0.002	0.870		2347
4.00	0.934	0.002	0.932		2652
4.03	0.755	0.002	0.753		2938
4.07	0.595	0.002	0.593		3135
4.10	0.456	0.002	0.454		3200

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 14:09:39

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
4.13	0.337	0.002	0.335		3080
4.17	0.237	0.002	0.235		2850
4.20	0.158	0.002	0.156		2563
4.23	0.100	0.002	0.098		2242
4.27	0.061	0.002	0.059		1914
4.30	0.042	0.002	0.040		1601
4.33	0.043	0.002	0.041		1321
4.37	0.051	0.002	0.049		1085
4.40	0.056	0.002	0.054		897
4.43	0.060	0.002	0.058		755
4.47	0.063	0.002	0.061		649
4.50	0.064	0.002	0.062		567
4.53	0.064	0.002	0.062		504
4.57	0.062	0.002	0.060		453
4.60	0.059	0.002	0.057		412
4.63	0.054	0.002	0.052		377
4.67	0.048	0.002	0.046		345
4.70	0.042	0.002	0.040		315
4.73	0.036	0.002	0.034		286
4.77	0.032	0.002	0.030		258
4.80	0.028	0.002	0.026		232
4.83	0.024	0.002	0.022		208
4.87	0.022	0.002	0.020		187
4.90	0.020	0.002	0.018		168
4.93	0.019	0.002	0.017		151
4.97	0.019	0.002	0.017		136
5.00	0.020	0.002	0.018		124
5.03	0.020	0.002	0.018		115
5.07	0.021	0.002	0.019		109
5.10	0.021	0.002	0.019		104
5.13	0.022	0.002	0.020		100
5.17	0.021	0.002	0.019		98
5.20	0.021	0.002	0.019		96
5.23	0.021	0.002	0.019		95
5.27	0.020	0.002	0.018		93
5.30	0.019	0.002	0.017		92
5.33	0.018	0.002	0.016		90
5.37	0.017	0.002	0.015		87
5.40	0.016	0.002	0.014		84
5.43	0.015	0.002	0.013		81
5.47	0.014	0.002	0.012		78

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 14:09:39

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
5.50	0.013	0.002	0.011		74
5.53	0.012	0.002	0.010		70
5.57	0.012	0.002	0.010		66
5.60	0.011	0.002	0.009		62
5.63	0.010	0.002	0.008		59
5.67	0.010	0.002	0.008		55
5.70	0.009	0.002	0.007		52
5.73	0.008	0.002	0.006		48
5.77	0.008	0.002	0.006		45
5.80	0.007	0.002	0.005		42
5.83	0.007	0.002	0.005		39
5.87	0.006	0.002	0.004		36
5.90	0.006	0.002	0.004		33
5.93	0.006	0.002	0.004		30
5.97	0.005	0.002	0.003		28
6.00	0.005	0.002	0.003		26
6.03					23
6.07					20
6.10					17
6.13					13
6.17					10
6.20					8
6.23					6
6.27					5
6.30					4
6.33					3
6.37					2
6.40					2
6.43					1
6.47					1
6.50					1
6.53					0
6.57					0
6.60					0
6.63					0
6.67					0
6.70					0
6.73					0

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 17
VersNo= 751.3 Page 1
COMB CENTRAL SURFACE FACILITY W/O TUFF PILE WITH E ARM

KLB 02-28-1986 13:09:20

FLOOD HYDROGRAPH VOLUME= 1120326 CFS * 0.03 HRS
OR 3086 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB1	INTER-VENING cfs)(NEVTB3	)(	)(	)(	COMBINED cfs)
2	0.0	0.0				0.0
4	0.0	0.0				0.0
6	0.0	0.0				0.0
8	0.0	0.0				0.0
10	0.0	0.0				0.0
12	0.0	0.0				0.0
14	0.0	0.0				0.0
16	0.0	0.0				0.0
18	0.0	0.0				0.0
20	0.0	0.0				0.0
22	0.0	0.0				0.0
24	0.0	0.0				0.0
26	0.0	0.0				0.0
28	0.0	0.0				0.0
30	0.0	0.0				0.0
32	0.0	0.0				0.0
34	0.0	0.0				0.0
36	0.0	0.0				0.0
38	0.0	0.0				0.0
40	0.0	0.0				0.0
42	0.0	0.0				0.0
44	0.0	0.0				0.0
46	0.0	0.0				0.0
48	0.0	0.0				0.0
50	0.0	0.0				0.0
52	0.0	0.0				0.0
54	0.0	0.0				0.0
56	0.0	0.0				0.0
58	0.0	0.0				0.0
60	0.0	0.0				0.0
62	0.0	0.0				0.0
64	0.0	0.0				0.0
66	0.0	0.0				0.0
68	0.0	0.0				0.0
70	0.0	0.0				0.0
72	0.0	0.0				0.0
74	0.0	0.0				0.0
76	0.0	0.0				0.0
78	0.0	0.0				0.0
80	0.0	0.0				0.0

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 17
VersNo= 751.3 Page 2
COMB CENTRAL SURFACE FACILITY W/O TUFF PILE WITH E ARM

KLB 02-28-1986 13:09:20

FLOOD HYDROGRAPH VOLUME= 1120326 CFS * 0.03 HRS
OR 3086 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB1	INTER-VENING cfs)(NEVTB3	)(	)(	)(	COMBINED cfs)
82	0.0	0.0				0.0
84	0.0	0.0				0.0
86	0.0	0.0				0.0
88	0.0	0.0				0.0
90	0.0	0.0				0.0
92	0.0	0.0				0.0
94	0.0	0.0				0.0
96	0.0	0.0				0.0
98	0.0	0.0				0.0
100	0.0	0.0				0.0
102	0.0	0.0				0.0
104	0.0	0.0				0.0
106	0.0	0.0				0.0
108	0.0	0.0				0.0
110	0.0	0.0				0.0
112	0.0	0.0				0.0
114	0.0	0.0				0.0
116	0.0	0.0				0.0
118	0.0	0.0				0.0
120	0.0	0.0				0.0
122	0.0	0.0				0.0
124	0.0	0.0				0.0
126	0.0	0.0				0.0
128	0.0	0.0				0.0
130	0.0	0.0				0.0
132	0.0	0.0				0.0
134	0.0	0.0				0.0
136	0.0	0.0				0.0
138	16.3	3.1				19.4
140	41.5	10.6				52.1
142	80.1	23.4				103.5
144	138.9	43.4				182.3
146	222.7	59.6				282.3
148	332.8	73.5				406.3
150	461.9	87.3				549.2
152	611.9	100.3				712.2
154	819.4	113.1				932.5
156	1021.5	125.7				1147.2
158	1201.8	138.4				1340.2
160	1382.7	151.1				1533.8

COMB CENTRAL SURFACE FACILITY W/O TUFF PILE WITH E ARM

KLB 02-28-1986 13:09:20

FLOOD HYDROGRAPH VOLUME= 1120326 CFS * 0.03 HRS
OR 3086 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB1	INTER-VENING cfs)(NEVTB3	)(	)(	)(	COMBINED cfs)
162	1564.3	164.4				1728.7
164	1755.5	177.7				1933.2
166	1953.1	191.4				2144.4
168	2156.0	204.6				2360.6
170	2360.5	217.7				2578.2
172	2569.7	229.7				2799.4
174	2776.9	240.5				3017.5
176	2982.6	250.2				3232.8
178	3181.2	258.8				3440.0
180	3374.0	265.8				3639.8
182	3555.5	271.2				3826.7
184	3721.6	275.1				3996.8
186	3871.8	277.6				4149.4
188	4007.2	278.5				4285.7
190	4125.9	277.4				4403.3
192	4222.1	274.9				4497.0
194	4298.7	270.9				4569.6
196	4354.0	265.3				4619.3
198	4389.3	257.7				4647.0
200	4397.9	248.8				4646.7
202	4385.5	238.1				4623.6
204	4357.8	228.3				4586.1
206	4320.3	220.7				4541.0
208	4284.8	220.6				4505.3
210	4265.4	231.1				4496.5
212	4287.4	254.6				4542.0
214	4369.9	294.5				4664.3
216	4549.9	350.2				4900.1
218	4848.2	426.2				5274.3
220	5324.1	520.0				5844.1
222	5975.7	636.1				6611.8
224	6866.0	770.6				7636.6
226	7964.5	929.5				8894.0
228	9346.6	1107.4				10454.1
230	10968.2	1311.4				12279.6
232	12913.3	1533.9				14447.2
234	15117.7	1783.5				16901.2
236	17680.0	2051.2				19731.2
238	20520.2	2347.5				22867.7
240	23700.4	2652.0				26352.5

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 17
VersNo= 751.3 Page 4
COMB CENTRAL SURFACE FACILITY W/O TUFF PILE WITH E ARM

KLB 02-28-1986 13:09:20

FLOOD HYDROGRAPH VOLUME= 1120326 CFS * 0.03 HRS
OR 3086 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB1	INTER-VENING cfs)(NEVTB3	)(	)(	)(	COMBINED cfs)
242	26959.4	2937.6				29897.0
244	30280.3	3135.0				33415.4
246	33444.0	3200.4				36644.4
248	36341.1	3080.3				39421.4
250	38657.0	2850.5				41507.5
252	40309.6	2562.7				42872.2
254	41123.0	2241.7				43364.6
256	41037.7	1913.7				42951.4
258	39678.6	1601.0				41279.6
260	37450.2	1320.9				38771.1
262	34869.9	1084.7				35954.6
264	32182.4	897.0				33079.4
266	29533.6	755.2				30288.8
268	27003.2	648.9				27652.0
270	24650.9	567.0				25217.9
272	22515.2	503.6				23018.8
274	20619.3	453.4				21072.7
276	18966.5	412.2				19378.7
278	17515.4	376.8				17892.3
280	16207.5	345.1				16552.5
282	15012.2	315.1				15327.3
284	13915.1	286.2				14201.3
286	12904.8	258.1				13162.9
288	11971.7	232.1				12203.8
290	11104.2	208.3				11312.5
292	10295.3	187.0				10482.3
294	9537.1	167.8				9704.9
296	8826.4	150.7				8977.0
298	8162.0	136.3				8298.4
300	7542.6	124.5				7667.1
302	6968.2	115.2				7083.4
304	6435.3	108.5				6543.8
306	5939.7	103.8				6043.5
308	5484.6	100.4				5585.0
310	5066.4	98.1				5164.5
312	4684.1	96.3				4780.4
314	4337.6	95.0				4432.5
316	4023.6	93.3				4116.9
318	3736.5	91.7				3828.2
320	3474.3	89.8				3564.1

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 17
VersNo= 751.3 Page 5
COMB CENTRAL SURFACE FACILITY W/O TUFF PILE WITH E ARM

KLB 02-28-1986 13:09:20

FLOOD HYDROGRAPH VOLUME= 1120326 CFS * 0.03 HRS
OR 3086 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB1	INTER-VENING cfs)(NEVTB3	)(	)(	)(	COMBINED cfs)
322	3234.1	87.3				3321.4
324	3014.3	84.4				3098.7
326	2809.8	81.1				2891.0
328	2620.4	77.6				2698.1
330	2446.9	73.9				2520.8
332	2283.2	70.1				2353.3
334	2130.9	66.2				2197.1
336	1987.2	62.4				2049.6
338	1853.0	58.7				1911.7
340	1725.6	55.3				1780.9
342	1604.8	51.9				1656.7
344	1489.0	48.4				1537.4
346	1385.5	45.3				1430.7
348	1292.0	41.9				1334.0
350	1209.4	38.7				1248.1
352	1132.3	35.8				1168.1
354	1060.1	33.0				1093.1
356	995.0	30.4				1025.4
358	932.7	27.9				960.6
360	873.3	25.8				899.0
362	816.4	23.4				839.8
364	760.7	20.3				780.9
366	706.6	16.9				723.6
368	652.1	13.0				665.1
370	598.5	10.1				608.6
372	546.3	8.0				554.3
374	493.9	6.2				500.1
376	444.0	4.8				448.8
378	391.2	3.7				394.9
380	345.1	2.8				347.9
382	307.2	2.2				309.4
384	274.2	1.6				275.8
386	244.7	1.2				245.9
388	217.9	0.9				218.9
390	193.7	0.7				194.4
392	172.0	0.5				172.5
394	152.7	0.3				153.0
396	135.4	0.2				135.6
398	120.0	0.1				120.1
400	106.3	0.1				106.3

COMB CENTRAL SURFACE FACILITY W/O TUFF PILE WITH E ARM

KLB 02-26-1986 13:09:20

FLOOD HYDROGRAPH VOLUME= 1120326 CFS * 0.03 HRS
OR 3086 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB1)	INTER-VENING cfs (NEVTB3)	( )	( )	( )	COMBINED cfs)
402	94.0	0.0				94.0
404	83.0	0.0				83.0
406	73.2					73.2
408	64.4					64.4
410	56.6					56.6
412	49.6					49.6
414	43.5					43.5
416	37.9					37.9
418	33.0					33.0
420	28.6					28.6
422	24.7					24.7
424	21.2					21.2
426	18.1					18.1
428	15.4					15.4
430	13.0					13.0
432	10.9					10.9
434	9.1					9.1
436	7.6					7.6
438	6.2					6.2
440	5.1					5.1
442	4.1					4.1
444	3.3					3.3
446	2.6					2.6
448	2.0					2.0
450	1.5					1.5
452	1.2					1.2
454	0.9					0.9
456	0.6					0.6
458	0.4					0.4
460	0.2					0.2
462	0.1					0.1

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 18
VersNo= 751.3 Page 1

COMB CENTRAL SURFACE WITH TUFF PILE WITH E ARM

KLB 02-28-1986 13:15:16

FLOOD HYDROGRAPH VOLUME= 795309 CFS * 0.03 HRS
OR 2191 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB2	INTER-VENING cfs)(NEVTB3	)(	)(	)(	COMBINED cfs)
2	0.0	0.0				0.0
4	0.0	0.0				0.0
6	0.0	0.0				0.0
8	0.0	0.0				0.0
10	0.0	0.0				0.0
12	0.0	0.0				0.0
14	0.0	0.0				0.0
16	0.0	0.0				0.0
18	0.0	0.0				0.0
20	0.0	0.0				0.0
22	0.0	0.0				0.0
24	0.0	0.0				0.0
26	0.0	0.0				0.0
28	0.0	0.0				0.0
30	0.0	0.0				0.0
32	0.0	0.0				0.0
34	0.0	0.0				0.0
36	0.0	0.0				0.0
38	0.0	0.0				0.0
40	0.0	0.0				0.0
42	0.0	0.0				0.0
44	0.0	0.0				0.0
46	0.0	0.0				0.0
48	0.0	0.0				0.0
50	0.0	0.0				0.0
52	0.0	0.0				0.0
54	0.0	0.0				0.0
56	0.0	0.0				0.0
58	0.0	0.0				0.0
60	0.0	0.0				0.0
62	0.0	0.0				0.0
64	0.0	0.0				0.0
66	0.0	0.0				0.0
68	0.0	0.0				0.0
70	0.0	0.0				0.0
72	0.0	0.0				0.0
74	0.0	0.0				0.0
76	0.0	0.0				0.0
78	0.0	0.0				0.0
80	0.0	0.0				0.0

COMB CENTRAL SURFACE WITH TUFF PILE WITH E ARM

KLB 02-28-1986 13:15:16

FLOOD HYDROGRAPH VOLUME= 795309 CFS * 0.03 HRS
OR 2191 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB2	INTER-VENING cfs)(NEVTB3	)(	)(	)(	COMBINED cfs)
82	0.0	0.0				0.0
84	0.0	0.0				0.0
86	0.0	0.0				0.0
88	0.0	0.0				0.0
90	0.0	0.0				0.0
92	0.0	0.0				0.0
94	0.0	0.0				0.0
96	0.0	0.0				0.0
98	0.0	0.0				0.0
100	0.0	0.0				0.0
102	0.0	0.0				0.0
104	0.0	0.0				0.0
106	0.0	0.0				0.0
108	0.0	0.0				0.0
110	0.0	0.0				0.0
112	0.0	0.0				0.0
114	0.0	0.0				0.0
116	0.0	0.0				0.0
118	0.0	0.0				0.0
120	0.0	0.0				0.0
122	0.0	0.0				0.0
124	0.0	0.0				0.0
126	0.0	0.0				0.0
128	0.0	0.0				0.0
130	0.0	0.0				0.0
132	0.0	0.0				0.0
134	0.0	0.0				0.0
136	0.0	0.0				0.0
138	11.4	3.1				14.5
140	28.9	10.6				39.5
142	55.9	23.4				79.3
144	96.9	43.4				140.3
146	155.4	59.6				215.0
148	232.2	73.5				305.6
150	322.2	87.3				409.5
152	427.0	100.3				527.3
154	571.8	113.1				684.9
156	711.7	125.7				837.4
158	836.7	138.4				975.1
160	962.3	151.1				1113.5

COMB CENTRAL SURFACE WITH TUFF PILE WITH E ARM

KLB 02-28-1986 13:15:16

FLOOD HYDROGRAPH VOLUME= 795309 CFS * 0.03 HRS
OR 2191 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB2	INTER-VENING cfs)(NEVTB3	)(	)(	)(	COMBINED cfs)
162	1088.5	164.4				1252.9
164	1221.5	177.7				1399.1
166	1358.7	191.4				1550.1
168	1499.6	204.6				1704.3
170	1641.7	217.7				1859.4
172	1787.0	229.7				2016.6
174	1930.8	240.5				2171.3
176	2073.6	250.2				2323.8
178	2211.3	258.8				2470.1
180	2345.1	265.8				2610.9
182	2470.9	271.2				2742.1
184	2586.0	275.1				2861.1
186	2690.0	277.6				2967.6
188	2783.8	278.5				3062.3
190	2865.8	277.4				3143.3
192	2932.3	274.9				3207.2
194	2985.1	270.9				3256.0
196	3023.2	265.3				3288.5
198	3047.3	257.7				3305.0
200	3052.9	248.8				3301.7
202	3043.8	238.1				3281.9
204	3024.2	228.3				3252.5
206	2997.8	220.7				3218.5
208	2972.8	220.6				3193.4
210	2959.3	231.1				3190.3
212	2974.6	254.6				3229.2
214	3032.3	294.5				3326.7
216	3158.0	350.2				3508.2
218	3366.4	426.2				3792.6
220	3698.7	520.0				4218.7
222	4153.3	636.1				4789.4
224	4774.1	770.6				5544.7
226	5539.4	929.5				6468.9
228	6502.5	1107.4				7609.9
230	7631.4	1311.4				8942.8
232	8985.9	1533.9				10519.8
234	10519.9	1783.5				12303.4
236	12303.5	2051.2				14354.8
238	14279.2	2347.5				16626.7
240	16492.3	2652.0				19144.3

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 18
VersNo= 751.3 Page 4

COMB CENTRAL SURFACE WITH TUFF PILE WITH E ARM

KLB 02-28-1986 13:15:16

FLOOD HYDROGRAPH VOLUME= 795309 CFS * 0.03 HRS
OR 2191 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB2	INTER-VENING cfs)(NEVTB3	)(	)(	)(	COMBINED cfs)
242	18758.3	2937.6				21695.9
244	21067.8	3135.0				24202.9
246	23265.0	3200.4				26465.4
248	25276.0	3080.3				28356.3
250	26878.2	2850.5				29728.7
252	28018.6	2562.7				30581.3
254	28570.9	2241.7				30812.6
256	28495.4	1913.7				30409.1
258	27530.2	1601.0				29131.2
260	25971.5	1320.9				27292.5
262	24173.6	1084.7				25258.2
264	22303.8	897.0				23200.8
266	20462.3	755.2				21217.5
268	18703.8	648.9				19352.7
270	17070.2	567.0				17637.2
272	15588.0	503.6				16091.7
274	14273.3	453.4				14726.6
276	13127.6	412.2				13539.8
278	12121.7	376.8				12498.5
280	11214.8	345.1				11559.8
282	10386.2	315.1				10701.4
284	9626.1	286.2				9912.3
286	8926.4	258.1				9184.4
288	8280.2	232.1				8512.3
290	7679.6	208.3				7887.9
292	7119.5	187.0				7306.5
294	6594.6	167.8				6762.4
296	6102.4	150.7				6253.1
298	5642.4	136.3				5778.7
300	5213.3	124.5				5337.8
302	4815.4	115.2				4930.6
304	4446.1	108.5				4554.6
306	4102.6	103.8				4206.5
308	3787.4	100.4				3887.8
310	3497.8	98.1				3595.9
312	3233.2	96.3				3329.5
314	2993.5	95.0				3088.5
316	2776.5	93.3				2869.8
318	2578.1	91.7				2669.8
320	2397.2	89.8				2487.0

COMB CENTRAL SURFACE WITH TUFF PILE WITH E ARM

KLB 02-28-1986 13:15:16

FLOOD HYDROGRAPH VOLUME= 795309 CFS * 0.03 HRS
OR 2191 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB2)	INTER-VENING cfs (NEVTB3)	( )	( )	( )	COMBINED cfs)
322	2231.5	87.3				2318.9
324	2080.0	84.4				2164.4
326	1939.2	81.1				2020.4
328	1808.9	77.6				1886.5
330	1689.5	73.9				1763.5
332	1577.0	70.1				1647.0
334	1472.3	66.2				1538.4
336	1373.5	62.4				1435.9
338	1281.2	58.7				1339.9
340	1193.5	55.3				1248.9
342	1110.3	51.9				1162.2
344	1030.4	48.4				1078.8
346	958.9	45.3				1004.2
348	894.3	41.9				936.2
350	837.1	38.7				875.8
352	783.7	35.8				819.5
354	733.7	33.0				766.7
356	688.6	30.4				719.0
358	645.4	27.9				673.3
360	604.2	25.6				630.0
362	564.9	23.4				588.2
364	526.2	20.3				546.5
366	488.8	16.9				505.8
368	451.0	13.0				464.0
370	413.9	10.1				424.0
372	377.7	8.0				385.7
374	341.4	6.2				347.5
376	306.8	4.8				311.5
378	270.1	3.7				273.8
380	238.3	2.8				241.1
382	212.1	2.2				214.3
384	189.2	1.6				190.9
386	168.8	1.2				170.1
388	150.3	0.9				151.3
390	133.6	0.7				134.3
392	118.6	0.5				119.1
394	105.2	0.3				105.6
396	93.3	0.2				93.5
398	82.7	0.1				82.8
400	73.2	0.1				73.2

COMB CENTRAL SURFACE WITH TUFF PILE WITH E ARM

KLB 02-28-1986 13:15:16

FLOOD HYDROGRAPH VOLUME= 795309 CFS * 0.03 HRS
OR 2191 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTB2	INTER-VENING cfs)(NEVTB3	)(	)(	)(	COMBINED cfs)
402	64.7	0.0				64.7
404	57.1	0.0				57.1
406	50.3					50.3
408	44.3					44.3
410	38.9					38.9
412	34.1					34.1
414	29.9					29.9
416	26.1					26.1
418	22.7					22.7
420	19.6					19.6
422	16.9					16.9
424	14.5					14.5
426	12.4					12.4
428	10.5					10.5
430	8.9					8.9
432	7.5					7.5
434	6.2					6.2
436	5.2					5.2
438	4.2					4.2
440	3.5					3.5
442	2.8					2.8
444	2.2					2.2
446	1.8					1.8
448	1.4					1.4
450	1.1					1.1
452	0.8					0.8
454	0.6					0.6
456	0.4					0.4
458	0.3					0.3
460	0.2					0.2
462	0.1					0.1

F GRAPH SUMMARY REPORT Table 19
VersNo= 1.0 Page 1

NEVADA TEST SITE PMF STUDY
TUFF RAMP
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 08:49:53

BASIN DATA

Basin Area= .23 square miles
Lag Time= .14 hours

LOSS DATA

Initial Loss= 1 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 6 hrs
Unit Duration= 1 min

VOLUME

Volume of Dgraph= 2388
Volume of Ugraph= .9952 in
Total Rainfall= 13.905 in
Total Rainfall Excess= 12.679 in

Volume of Fgraph= 112706 cfs- 1.666667E-02 hr
or 155 ac-ft
or 12.653 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
TUFF RAMP
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 08:49:53

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.00	0.002	0.002	0.000	116	0
2.00	0.002	0.002	0.000	194	0
3.00	0.002	0.002	0.000	321	0
4.00	0.002	0.002	0.000	497	0
5.00	0.002	0.002	0.000	629	0
6.00	0.003	0.003	0.000	707	0
7.00	0.003	0.003	0.000	1039	0
8.00	0.003	0.003	0.000	789	0
9.00	0.003	0.003	0.000	589	0
10.00	0.003	0.003	0.000	500	0
11.00	0.003	0.003	0.000	458	0
12.00	0.003	0.003	0.000	411	0
13.00	0.003	0.003	0.000	358	0
14.00	0.003	0.003	0.000	311	0
15.00	0.003	0.003	0.000	269	0
16.00	0.003	0.003	0.000	232	0
17.00	0.003	0.003	0.000	200	0
18.00	0.003	0.003	0.000	171	0
19.00	0.003	0.003	0.000	147	0
20.00	0.003	0.003	0.000	127	0
21.00	0.004	0.004	0.000	110	0
22.00	0.004	0.004	0.000	95	0
23.00	0.004	0.004	0.000	84	0
24.00	0.004	0.004	0.000	76	0
25.00	0.004	0.004	0.000	67	0
26.00	0.004	0.004	0.000	59	0
27.00	0.004	0.004	0.000	52	0
28.00	0.004	0.004	0.000	45	0
29.00	0.004	0.004	0.000	39	0
30.00	0.004	0.004	0.000	33	0
31.00	0.004	0.004	0.000	28	0
32.00	0.004	0.004	0.000	24	0
33.00	0.004	0.004	0.000	20	0
34.00	0.005	0.005	0.000	16	0
35.00	0.005	0.005	0.000	13	0
36.00	0.005	0.005	0.000	10	0
37.00	0.005	0.005	0.000	8	0
38.00	0.005	0.005	0.000	7	0
39.00	0.005	0.005	0.000	6	0
40.00	0.005	0.005	0.000	5	0
41.00	0.005	0.005	0.000		0

NEVADA TEST SITE PMF STUDY
TUFF RAMP
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 08:49:53

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
42.00	0.005	0.005	0.000		0
43.00	0.005	0.005	0.000		0
44.00	0.005	0.005	0.000		0
45.00	0.005	0.005	0.000		0
46.00	0.006	0.006	0.000		0
47.00	0.006	0.006	0.000		0
48.00	0.006	0.006	0.000		0
49.00	0.006	0.006	0.000		0
50.00	0.006	0.006	0.000		0
51.00	0.006	0.006	0.000		0
52.00	0.006	0.006	0.000		0
53.00	0.006	0.006	0.000		0
54.00	0.006	0.006	0.000		0
55.00	0.006	0.006	0.000		0
56.00	0.006	0.006	0.000		0
57.00	0.007	0.007	0.000		0
58.00	0.007	0.007	0.000		0
59.00	0.007	0.007	0.000		0
60.00	0.007	0.007	0.000		0
61.00	0.007	0.007	0.000		0
62.00	0.007	0.007	0.000		0
63.00	0.007	0.007	0.000		0
64.00	0.007	0.007	0.000		0
65.00	0.007	0.007	0.000		0
66.00	0.007	0.007	0.000		0
67.00	0.007	0.007	0.000		0
68.00	0.008	0.008	0.000		0
69.00	0.008	0.008	0.000		0
70.00	0.008	0.008	0.000		0
71.00	0.008	0.008	0.000		0
72.00	0.008	0.008	0.000		0
73.00	0.008	0.008	0.000		0
74.00	0.008	0.008	0.000		0
75.00	0.008	0.008	0.000		0
76.00	0.008	0.008	0.000		0
77.00	0.008	0.008	0.000		0
78.00	0.009	0.009	0.000		0
79.00	0.009	0.009	0.000		0
80.00	0.009	0.009	0.000		0
81.00	0.009	0.009	0.000		0
82.00	0.009	0.009	0.000		0

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
TUFF RAMP
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 08:49:53

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
83.00	0.009	0.009	0.000		0
84.00	0.009	0.009	0.000		0
85.00	0.009	0.009	0.000		0
86.00	0.009	0.009	0.000		0
87.00	0.009	0.009	0.000		0
88.00	0.010	0.010	0.000		0
89.00	0.010	0.010	0.000		0
90.00	0.010	0.010	0.000		0
91.00	0.010	0.010	0.000		0
92.00	0.010	0.010	0.000		0
93.00	0.010	0.010	0.000		0
94.00	0.010	0.010	0.000		0
95.00	0.010	0.010	0.000		0
96.00	0.010	0.010	0.000		0
97.00	0.010	0.010	0.000		0
98.00	0.010	0.010	0.000		0
99.00	0.010	0.010	0.000		0
100.00	0.010	0.010	0.000		0
101.00	0.011	0.011	0.000		0
102.00	0.011	0.011	0.000		0
103.00	0.011	0.011	0.000		0
104.00	0.011	0.011	0.000		0
105.00	0.011	0.011	0.000		0
106.00	0.011	0.011	0.000		0
107.00	0.011	0.011	0.000		0
108.00	0.011	0.011	0.000		0
109.00	0.011	0.011	0.000		0
110.00	0.011	0.011	0.000		0
111.00	0.011	0.011	0.000		0
112.00	0.011	0.011	0.000		0
113.00	0.011	0.011	0.000		0
114.00	0.011	0.011	0.000		0
115.00	0.011	0.011	0.000		0
116.00	0.011	0.011	0.000		0
117.00	0.011	0.011	0.000		0
118.00	0.011	0.011	0.000		0
119.00	0.011	0.011	0.000		0
120.00	0.011	0.011	0.000		0
121.00	0.011	0.011	0.000		0
122.00	0.011	0.011	0.000		0
123.00	0.011	0.011	0.000		0

NEVADA TEST SITE PMF STUDY
TUFF RAMP
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 08:49:53

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
124.00	0.012	0.012	0.000		0
125.00	0.012	0.012	0.000		0
126.00	0.012	0.012	0.000		0
127.00	0.012	0.012	0.000		0
128.00	0.012	0.012	0.000		0
129.00	0.012	0.012	0.000		0
130.00	0.012	0.012	0.000		0
131.00	0.012	0.012	0.000		0
132.00	0.012	0.012	0.000		0
133.00	0.012	0.012	0.000		0
134.00	0.013	0.013	0.000		0
135.00	0.013	0.005	0.008		1
136.00	0.013	0.001	0.012		3
137.00	0.013	0.001	0.012		6
138.00	0.013	0.001	0.012		12
139.00	0.013	0.001	0.012		19
140.00	0.014	0.001	0.013		27
141.00	0.014	0.001	0.013		39
142.00	0.014	0.001	0.013		50
143.00	0.014	0.001	0.013		58
144.00	0.014	0.001	0.013		65
145.00	0.014	0.001	0.013		72
146.00	0.015	0.001	0.014		78
147.00	0.015	0.001	0.014		84
148.00	0.015	0.001	0.014		89
149.00	0.015	0.001	0.014		93
150.00	0.016	0.001	0.015		97
151.00	0.016	0.001	0.015		101
152.00	0.016	0.001	0.015		105
153.00	0.017	0.001	0.016		108
154.00	0.017	0.001	0.016		112
155.00	0.017	0.001	0.016		115
156.00	0.018	0.001	0.017		118
157.00	0.018	0.001	0.017		122
158.00	0.018	0.001	0.017		125
159.00	0.019	0.001	0.018		128
160.00	0.019	0.001	0.018		131
161.00	0.019	0.001	0.018		134
162.00	0.020	0.001	0.019		138
163.00	0.020	0.001	0.019		141
164.00	0.021	0.001	0.020		144

NEVADA TEST SITE PMF STUDY
TUFF RAMP
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 08:49:53

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
165.00	0.021	0.001	0.020		147
166.00	0.021	0.001	0.020		151
167.00	0.022	0.001	0.021		154
168.00	0.022	0.001	0.021		157
169.00	0.023	0.001	0.022		160
170.00	0.023	0.001	0.022		164
171.00	0.023	0.001	0.022		167
172.00	0.024	0.001	0.023		170
173.00	0.024	0.001	0.023		174
174.00	0.025	0.001	0.024		177
175.00	0.025	0.001	0.024		181
176.00	0.026	0.001	0.025		184
177.00	0.027	0.001	0.026		188
178.00	0.027	0.001	0.026		192
179.00	0.028	0.001	0.027		196
180.00	0.028	0.001	0.027		200
181.00	0.029	0.001	0.028		204
182.00	0.030	0.001	0.029		209
183.00	0.030	0.001	0.029		214
184.00	0.031	0.001	0.030		218
185.00	0.031	0.001	0.030		223
186.00	0.032	0.001	0.031		228
187.00	0.033	0.001	0.032		233
188.00	0.033	0.001	0.032		238
189.00	0.034	0.001	0.033		243
190.00	0.035	0.001	0.034		248
191.00	0.035	0.001	0.034		253
192.00	0.036	0.001	0.035		258
193.00	0.037	0.001	0.036		264
194.00	0.038	0.001	0.037		269
195.00	0.038	0.001	0.037		275
196.00	0.039	0.001	0.038		281
197.00	0.040	0.001	0.039		286
198.00	0.041	0.001	0.040		292
199.00	0.041	0.001	0.040		299
200.00	0.042	0.001	0.041		305
201.00	0.043	0.001	0.042		311
202.00	0.044	0.001	0.043		317
203.00	0.045	0.001	0.044		324
204.00	0.046	0.001	0.045		330
205.00	0.047	0.001	0.046		337

NEVADA TEST SITE PMF STUDY
TUFF RAMP
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 08:49:53

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
206.00	0.048	0.001	0.047		344
207.00	0.049	0.001	0.048		351
208.00	0.050	0.001	0.049		359
209.00	0.051	0.001	0.050		367
210.00	0.052	0.001	0.051		374
211.00	0.053	0.001	0.052		382
212.00	0.055	0.001	0.054		391
213.00	0.055	0.001	0.054		399
214.00	0.057	0.001	0.056		407
215.00	0.058	0.001	0.057		416
216.00	0.060	0.001	0.059		425
217.00	0.062	0.001	0.061		435
218.00	0.064	0.001	0.063		445
219.00	0.065	0.001	0.064		455
220.00	0.068	0.001	0.067		466
221.00	0.070	0.001	0.069		478
222.00	0.080	0.001	0.079		491
223.00	0.086	0.001	0.085		506
224.00	0.103	0.001	0.102		525
225.00	0.114	0.001	0.113		549
226.00	0.139	0.001	0.138		580
227.00	0.153	0.001	0.152		620
228.00	0.186	0.001	0.185		674
229.00	0.204	0.001	0.203		740
230.00	0.245	0.001	0.244		824
231.00	0.267	0.001	0.266		923
232.00	0.316	0.001	0.315		1042
233.00	0.342	0.001	0.341		1177
234.00	0.399	0.001	0.398		1337
235.00	0.429	0.001	0.428		1513
236.00	0.493	0.001	0.492		1717
237.00	0.528	0.001	0.527		1937
238.00	0.600	0.001	0.599		2186
239.00	0.638	0.001	0.637		2452
240.00	0.677	0.001	0.676		2745
241.00	0.563	0.001	0.562		3032
242.00	0.461	0.001	0.460		3313
243.00	0.370	0.001	0.369		3552
244.00	0.291	0.001	0.290		3737
245.00	0.224	0.001	0.223		3835
246.00	0.169	0.001	0.168		3844

NEVADA TEST SITE PMF STUDY
TUFF RAMP
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 08:49:53

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
247.00	0.126	0.001	0.125		3723
248.00	0.094	0.001	0.093		3526
249.00	0.074	0.001	0.073		3289
250.00	0.066	0.001	0.065		3034
251.00	0.063	0.001	0.062		2772
252.00	0.059	0.001	0.058		2514
253.00	0.056	0.001	0.055		2269
254.00	0.054	0.001	0.053		2044
255.00	0.051	0.001	0.050		1841
256.00	0.049	0.001	0.048		1663
257.00	0.047	0.001	0.046		1506
258.00	0.045	0.001	0.044		1366
259.00	0.044	0.001	0.043		1243
260.00	0.042	0.001	0.041		1134
261.00	0.040	0.001	0.039		1037
262.00	0.039	0.001	0.038		952
263.00	0.037	0.001	0.036		877
264.00	0.036	0.001	0.035		809
265.00	0.034	0.001	0.033		748
266.00	0.033	0.001	0.032		692
267.00	0.032	0.001	0.031		641
268.00	0.030	0.001	0.029		594
269.00	0.029	0.001	0.028		550
270.00	0.028	0.001	0.027		510
271.00	0.027	0.001	0.026		474
272.00	0.026	0.001	0.025		440
273.00	0.025	0.001	0.024		409
274.00	0.024	0.001	0.023		381
275.00	0.023	0.001	0.022		356
276.00	0.022	0.001	0.021		333
277.00	0.021	0.001	0.020		312
278.00	0.020	0.001	0.019		293
279.00	0.019	0.001	0.018		276
280.00	0.019	0.001	0.018		260
281.00	0.018	0.001	0.017		246
282.00	0.017	0.001	0.016		233
283.00	0.017	0.001	0.016		221
284.00	0.016	0.001	0.015		211
285.00	0.016	0.001	0.015		201
286.00	0.015	0.001	0.014		193
287.00	0.015	0.001	0.014		185

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
TUFF RAMP
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 08:49:53

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
288.00	0.014	0.001	0.013		178
289.00	0.014	0.001	0.013		171
290.00	0.013	0.001	0.012		164
291.00	0.013	0.001	0.012		158
292.00	0.013	0.001	0.012		152
293.00	0.012	0.001	0.011		147
294.00	0.012	0.001	0.011		141
295.00	0.012	0.001	0.011		136
296.00	0.012	0.001	0.011		132
297.00	0.012	0.001	0.011		127
298.00	0.011	0.001	0.010		124
299.00	0.011	0.001	0.010		120
300.00	0.011	0.001	0.010		116
301.00	0.011	0.001	0.010		113
302.00	0.011	0.001	0.010		110
303.00	0.011	0.001	0.010		108
304.00	0.011	0.001	0.010		105
305.00	0.011	0.001	0.010		103
306.00	0.011	0.001	0.010		101
307.00	0.011	0.001	0.010		99
308.00	0.011	0.001	0.010		98
309.00	0.011	0.001	0.010		97
310.00	0.010	0.001	0.009		96
311.00	0.010	0.001	0.009		95
312.00	0.010	0.001	0.009		94
313.00	0.010	0.001	0.009		92
314.00	0.010	0.001	0.009		91
315.00	0.010	0.001	0.009		90
316.00	0.010	0.001	0.009		89
317.00	0.009	0.001	0.008		87
318.00	0.009	0.001	0.008		86
319.00	0.009	0.001	0.008		85
320.00	0.009	0.001	0.008		84
321.00	0.009	0.001	0.008		83
322.00	0.008	0.001	0.007		82
323.00	0.008	0.001	0.007		80
324.00	0.008	0.001	0.007		78
325.00	0.008	0.001	0.007		77
326.00	0.008	0.001	0.007		76
327.00	0.007	0.001	0.006		74
328.00	0.007	0.001	0.006		72

NEVADA TEST SITE PMF STUDY
TUFF RAMP
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 08:49:53

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
329.00	0.007	0.001	0.006		71
330.00	0.007	0.001	0.006		69
331.00	0.007	0.001	0.006		68
332.00	0.006	0.001	0.005		66
333.00	0.006	0.001	0.005		64
334.00	0.006	0.001	0.005		62
335.00	0.006	0.001	0.005		61
336.00	0.006	0.001	0.005		59
337.00	0.006	0.001	0.005		58
338.00	0.005	0.001	0.004		56
339.00	0.005	0.001	0.004		54
340.00	0.005	0.001	0.004		53
341.00	0.005	0.001	0.004		51
342.00	0.005	0.001	0.004		50
343.00	0.005	0.001	0.004		48
344.00	0.004	0.001	0.003		46
345.00	0.004	0.001	0.003		45
346.00	0.004	0.001	0.003		43
347.00	0.004	0.001	0.003		42
348.00	0.004	0.001	0.003		40
349.00	0.004	0.001	0.003		39
350.00	0.003	0.001	0.002		37
351.00	0.003	0.001	0.002		36
352.00	0.003	0.001	0.002		34
353.00	0.003	0.001	0.002		33
354.00	0.003	0.001	0.002		31
355.00	0.003	0.001	0.002		30
356.00	0.003	0.001	0.002		28
357.00	0.002	0.001	0.001		27
358.00	0.002	0.001	0.001		26
359.00	0.002	0.001	0.001		24
360.00	0.002	0.001	0.001		23
361.00					22
362.00					20
363.00					18
364.00					16
365.00					15
366.00					13
367.00					11
368.00					9
369.00					8

NEVADA TEST SITE PMF STUDY
TUFF RAMP
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 08:49:53

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
370.00					7
371.00					6
372.00					5
373.00					4
374.00					4
375.00					3
376.00					3
377.00					2
378.00					2
379.00					2
380.00					1
381.00					1
382.00					1
383.00					1
384.00					1
385.00					1
386.00					1
387.00					0
388.00					0
389.00					0
390.00					0
391.00					0
392.00					0
393.00					0
394.00					0
395.00					0
396.00					0
397.00					0
398.00					0
399.00					0

NEVADA TEST SITE PMF STUDY
WASTE DECLINE DELIVERY PORTAL
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:01:29

BASIN DATA

Basin Area= .01 square miles
Lag Time= .02 hours

LOSS DATA

Initial Loss= 1 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 6 hrs
Unit Duration= .02 hrs

VOLUME

Volume of Dgraph= 2232
Volume of Ugraph= 1 in
Total Rainfall= 13.905 in
Total Rainfall Excess= 12.679 in

Volume of Fgraph= 4924 cfs- 1.666667E-02 hr
or 7 ac-ft
or 12.707 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
WASTE DECLINE DELIVERY PORTAL
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:01:29

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
0.02	0.002	0.002	0.000	165	0
0.03	0.002	0.002	0.000	118	0
0.05	0.002	0.002	0.000	58	0
0.07	0.002	0.002	0.000	26	0
0.08	0.002	0.002	0.000	13	0
0.10	0.003	0.003	0.000	6	0
0.12	0.003	0.003	0.000	2	0
0.13	0.003	0.003	0.000		0
0.15	0.003	0.003	0.000		0
0.17	0.003	0.003	0.000		0
0.18	0.003	0.003	0.000		0
0.20	0.003	0.003	0.000		0
0.22	0.003	0.003	0.000		0
0.23	0.003	0.003	0.000		0
0.25	0.003	0.003	0.000		0
0.27	0.003	0.003	0.000		0
0.28	0.003	0.003	0.000		0
0.30	0.003	0.003	0.000		0
0.32	0.003	0.003	0.000		0
0.33	0.003	0.003	0.000		0
0.35	0.004	0.004	0.000		0
0.37	0.004	0.004	0.000		0
0.38	0.004	0.004	0.000		0
0.40	0.004	0.004	0.000		0
0.42	0.004	0.004	0.000		0
0.43	0.004	0.004	0.000		0
0.45	0.004	0.004	0.000		0
0.47	0.004	0.004	0.000		0
0.48	0.004	0.004	0.000		0
0.50	0.004	0.004	0.000		0
0.52	0.004	0.004	0.000		0
0.53	0.004	0.004	0.000		0
0.55	0.004	0.004	0.000		0
0.57	0.005	0.005	0.000		0
0.58	0.005	0.005	0.000		0
0.60	0.005	0.005	0.000		0
0.62	0.005	0.005	0.000		0
0.63	0.005	0.005	0.000		0
0.65	0.005	0.005	0.000		0
0.67	0.005	0.005	0.000		0
0.68	0.005	0.005	0.000		0

NEVADA TEST SITE PMF STUDY
WASTE DECLINE DELIVERY PORTAL
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:01:29

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
0.70	0.005	0.005	0.000		0
0.72	0.005	0.005	0.000		0
0.73	0.005	0.005	0.000		0
0.75	0.005	0.005	0.000		0
0.77	0.006	0.006	0.000		0
0.78	0.006	0.006	0.000		0
0.80	0.006	0.006	0.000		0
0.82	0.006	0.006	0.000		0
0.83	0.006	0.006	0.000		0
0.85	0.006	0.006	0.000		0
0.87	0.006	0.006	0.000		0
0.88	0.006	0.006	0.000		0
0.90	0.006	0.006	0.000		0
0.92	0.006	0.006	0.000		0
0.93	0.006	0.006	0.000		0
0.95	0.007	0.007	0.000		0
0.97	0.007	0.007	0.000		0
0.98	0.007	0.007	0.000		0
1.00	0.007	0.007	0.000		0
1.02	0.007	0.007	0.000		0
1.03	0.007	0.007	0.000		0
1.05	0.007	0.007	0.000		0
1.07	0.007	0.007	0.000		0
1.08	0.007	0.007	0.000		0
1.10	0.007	0.007	0.000		0
1.12	0.007	0.007	0.000		0
1.13	0.008	0.008	0.000		0
1.15	0.008	0.008	0.000		0
1.17	0.008	0.008	0.000		0
1.18	0.008	0.008	0.000		0
1.20	0.008	0.008	0.000		0
1.22	0.008	0.008	0.000		0
1.23	0.008	0.008	0.000		0
1.25	0.008	0.008	0.000		0
1.27	0.008	0.008	0.000		0
1.28	0.008	0.008	0.000		0
1.30	0.009	0.009	0.000		0
1.32	0.009	0.009	0.000		0
1.33	0.009	0.009	0.000		0
1.35	0.009	0.009	0.000		0
1.37	0.009	0.009	0.000		0

NEVADA TEST SITE PMF STUDY
WASTE DECLINE DELIVERY PORTAL
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:01:29

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.38	0.009	0.009	0.000		0
1.40	0.009	0.009	0.000		0
1.42	0.009	0.009	0.000		0
1.43	0.009	0.009	0.000		0
1.45	0.009	0.009	0.000		0
1.47	0.010	0.010	0.000		0
1.48	0.010	0.010	0.000		0
1.50	0.010	0.010	0.000		0
1.52	0.010	0.010	0.000		0
1.53	0.010	0.010	0.000		0
1.55	0.010	0.010	0.000		0
1.57	0.010	0.010	0.000		0
1.58	0.010	0.010	0.000		0
1.60	0.010	0.010	0.000		0
1.62	0.010	0.010	0.000		0
1.63	0.010	0.010	0.000		0
1.65	0.010	0.010	0.000		0
1.67	0.010	0.010	0.000		0
1.68	0.011	0.011	0.000		0
1.70	0.011	0.011	0.000		0
1.72	0.011	0.011	0.000		0
1.73	0.011	0.011	0.000		0
1.75	0.011	0.011	0.000		0
1.77	0.011	0.011	0.000		0
1.78	0.011	0.011	0.000		0
1.80	0.011	0.011	0.000		0
1.82	0.011	0.011	0.000		0
1.83	0.011	0.011	0.000		0
1.85	0.011	0.011	0.000		0
1.87	0.011	0.011	0.000		0
1.88	0.011	0.011	0.000		0
1.90	0.011	0.011	0.000		0
1.92	0.011	0.011	0.000		0
1.93	0.011	0.011	0.000		0
1.95	0.011	0.011	0.000		0
1.97	0.011	0.011	0.000		0
1.98	0.011	0.011	0.000		0
2.00	0.011	0.011	0.000		0
2.02	0.011	0.011	0.000		0
2.03	0.011	0.011	0.000		0
2.05	0.011	0.011	0.000		0

NEVADA TEST SITE PMF STUDY
WASTE DECLINE DELIVERY PORTAL
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:01:29

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.07	0.012	0.012	0.000		0
2.08	0.012	0.012	0.000		0
2.10	0.012	0.012	0.000		0
2.12	0.012	0.012	0.000		0
2.13	0.012	0.012	0.000		0
2.15	0.012	0.012	0.000		0
2.17	0.012	0.012	0.000		0
2.18	0.012	0.012	0.000		0
2.20	0.012	0.012	0.000		0
2.22	0.012	0.012	0.000		0
2.23	0.013	0.013	0.000		0
2.25	0.013	0.005	0.008		1
2.27	0.013	0.001	0.012		3
2.28	0.013	0.001	0.012		4
2.30	0.013	0.001	0.012		4
2.32	0.013	0.001	0.012		5
2.33	0.014	0.001	0.013		5
2.35	0.014	0.001	0.013		5
2.37	0.014	0.001	0.013		5
2.38	0.014	0.001	0.013		5
2.40	0.014	0.001	0.013		5
2.42	0.014	0.001	0.013		5
2.43	0.015	0.001	0.014		5
2.45	0.015	0.001	0.014		5
2.47	0.015	0.001	0.014		5
2.48	0.015	0.001	0.014		5
2.50	0.016	0.001	0.015		6
2.52	0.016	0.001	0.015		6
2.53	0.016	0.001	0.015		6
2.55	0.017	0.001	0.016		6
2.57	0.017	0.001	0.016		6
2.58	0.017	0.001	0.016		6
2.60	0.018	0.001	0.017		6
2.62	0.018	0.001	0.017		7
2.63	0.018	0.001	0.017		7
2.65	0.019	0.001	0.018		7
2.67	0.019	0.001	0.018		7
2.68	0.019	0.001	0.018		7
2.70	0.020	0.001	0.019		7
2.72	0.020	0.001	0.019		7
2.73	0.021	0.001	0.020		8

NEVADA TEST SITE PMF STUDY
WASTE DECLINE DELIVERY PORTAL
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:01:29

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.75	0.021	0.001	0.020		8
2.77	0.021	0.001	0.020		8
2.78	0.022	0.001	0.021		8
2.80	0.022	0.001	0.021		8
2.82	0.023	0.001	0.022		8
2.83	0.023	0.001	0.022		8
2.85	0.023	0.001	0.022		9
2.87	0.024	0.001	0.023		9
2.88	0.024	0.001	0.023		9
2.90	0.025	0.001	0.024		9
2.92	0.025	0.001	0.024		9
2.93	0.026	0.001	0.025		9
2.95	0.027	0.001	0.026		10
2.97	0.027	0.001	0.026		10
2.98	0.028	0.001	0.027		10
3.00	0.028	0.001	0.027		10
3.02	0.029	0.001	0.028		11
3.03	0.030	0.001	0.029		11
3.05	0.030	0.001	0.029		11
3.07	0.031	0.001	0.030		11
3.08	0.031	0.001	0.030		12
3.10	0.032	0.001	0.031		12
3.12	0.033	0.001	0.032		12
3.13	0.033	0.001	0.032		12
3.15	0.034	0.001	0.033		13
3.17	0.035	0.001	0.034		13
3.18	0.035	0.001	0.034		13
3.20	0.036	0.001	0.035		13
3.22	0.037	0.001	0.036		14
3.23	0.038	0.001	0.037		14
3.25	0.038	0.001	0.037		14
3.27	0.039	0.001	0.038		14
3.28	0.040	0.001	0.039		15
3.30	0.041	0.001	0.040		15
3.32	0.041	0.001	0.040		15
3.33	0.042	0.001	0.041		16
3.35	0.043	0.001	0.042		16
3.37	0.044	0.001	0.043		16
3.38	0.045	0.001	0.044		17
3.40	0.046	0.001	0.045		17
3.42	0.047	0.001	0.046		17

NEVADA TEST SITE PMF STUDY
WASTE DECLINE DELIVERY PORTAL
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:01:29

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
3.43	0.048	0.001	0.047		18
3.45	0.049	0.001	0.048		18
3.47	0.050	0.001	0.049		19
3.48	0.051	0.001	0.050		19
3.50	0.052	0.001	0.051		19
3.52	0.053	0.001	0.052		20
3.53	0.055	0.001	0.054		20
3.55	0.055	0.001	0.054		21
3.57	0.057	0.001	0.056		21
3.58	0.058	0.001	0.057		22
3.60	0.060	0.001	0.059		22
3.62	0.062	0.001	0.061		23
3.63	0.064	0.001	0.063		24
3.65	0.065	0.001	0.064		24
3.67	0.068	0.001	0.067		25
3.68	0.070	0.001	0.069		26
3.70	0.080	0.001	0.079		28
3.72	0.086	0.001	0.085		30
3.73	0.103	0.001	0.102		35
3.75	0.114	0.001	0.113		39
3.77	0.139	0.001	0.138		46
3.78	0.153	0.001	0.152		52
3.80	0.186	0.001	0.185		61
3.82	0.204	0.001	0.203		70
3.83	0.245	0.001	0.244		81
3.85	0.267	0.001	0.266		92
3.87	0.316	0.001	0.315		106
3.88	0.342	0.001	0.341		119
3.90	0.399	0.001	0.398		136
3.92	0.429	0.001	0.428		151
3.93	0.493	0.001	0.492		170
3.95	0.528	0.001	0.527		187
3.97	0.600	0.001	0.599		208
3.98	0.638	0.001	0.637		227
4.00	0.677	0.001	0.676		245
4.02	0.563	0.001	0.562		235
4.03	0.461	0.001	0.460		210
4.05	0.370	0.001	0.369		178
4.07	0.291	0.001	0.290		146
4.08	0.224	0.001	0.223		117
4.10	0.169	0.001	0.168		91

NEVADA TEST SITE PMF STUDY
WASTE DECLINE DELIVERY PORTAL
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:01:29

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
4.12	0.126	0.001	0.125		69
4.13	0.094	0.001	0.093		52
4.15	0.074	0.001	0.073		40
4.17	0.066	0.001	0.065		32
4.18	0.063	0.001	0.062		28
4.20	0.059	0.001	0.058		25
4.22	0.056	0.001	0.055		23
4.23	0.054	0.001	0.053		22
4.25	0.051	0.001	0.050		21
4.27	0.049	0.001	0.048		20
4.28	0.047	0.001	0.046		19
4.30	0.045	0.001	0.044		18
4.32	0.044	0.001	0.043		17
4.33	0.042	0.001	0.041		17
4.35	0.040	0.001	0.039		16
4.37	0.039	0.001	0.038		15
4.38	0.037	0.001	0.036		15
4.40	0.036	0.001	0.035		14
4.42	0.034	0.001	0.033		14
4.43	0.033	0.001	0.032		13
4.45	0.032	0.001	0.031		13
4.47	0.030	0.001	0.029		12
4.48	0.029	0.001	0.028		11
4.50	0.028	0.001	0.027		11
4.52	0.027	0.001	0.026		11
4.53	0.026	0.001	0.025		10
4.55	0.025	0.001	0.024		10
4.57	0.024	0.001	0.023		9
4.58	0.023	0.001	0.022		9
4.60	0.022	0.001	0.021		9
4.62	0.021	0.001	0.020		8
4.63	0.020	0.001	0.019		8
4.65	0.019	0.001	0.018		7
4.67	0.019	0.001	0.018		7
4.68	0.018	0.001	0.017		7
4.70	0.017	0.001	0.016		7
4.72	0.017	0.001	0.016		6
4.73	0.016	0.001	0.015		6
4.75	0.016	0.001	0.015		6
4.77	0.015	0.001	0.014		6
4.78	0.015	0.001	0.014		6

NEVADA TEST SITE PMF STUDY
WASTE DECLINE DELIVERY PORTAL
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:01:29

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
4.80	0.014	0.001	0.013		5
4.82	0.014	0.001	0.013		5
4.83	0.013	0.001	0.012		5
4.85	0.013	0.001	0.012		5
4.87	0.013	0.001	0.012		5
4.88	0.012	0.001	0.011		5
4.90	0.012	0.001	0.011		4
4.92	0.012	0.001	0.011		4
4.93	0.012	0.001	0.011		4
4.95	0.012	0.001	0.011		4
4.97	0.011	0.001	0.010		4
4.98	0.011	0.001	0.010		4
5.00	0.011	0.001	0.010		4
5.02	0.011	0.001	0.010		4
5.03	0.011	0.001	0.010		4
5.05	0.011	0.001	0.010		4
5.07	0.011	0.001	0.010		4
5.08	0.011	0.001	0.010		4
5.10	0.011	0.001	0.010		4
5.12	0.011	0.001	0.010		4
5.13	0.011	0.001	0.010		4
5.15	0.011	0.001	0.010		4
5.17	0.010	0.001	0.009		4
5.18	0.010	0.001	0.009		4
5.20	0.010	0.001	0.009		4
5.22	0.010	0.001	0.009		4
5.23	0.010	0.001	0.009		4
5.25	0.010	0.001	0.009		4
5.27	0.010	0.001	0.009		4
5.28	0.009	0.001	0.008		3
5.30	0.009	0.001	0.008		3
5.32	0.009	0.001	0.008		3
5.33	0.009	0.001	0.008		3
5.35	0.009	0.001	0.008		3
5.37	0.008	0.001	0.007		3
5.38	0.008	0.001	0.007		3
5.40	0.008	0.001	0.007		3
5.42	0.008	0.001	0.007		3
5.43	0.008	0.001	0.007		3
5.45	0.007	0.001	0.006		3
5.47	0.007	0.001	0.006		2

NEVADA TEST SITE PMF STUDY
WASTE DECLINE DELIVERY PORTAL
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:01:29

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
5.48	0.007	0.001	0.006		2
5.50	0.007	0.001	0.006		2
5.52	0.007	0.001	0.006		2
5.53	0.006	0.001	0.005		2
5.55	0.006	0.001	0.005		2
5.57	0.006	0.001	0.005		2
5.58	0.006	0.001	0.005		2
5.60	0.006	0.001	0.005		2
5.62	0.006	0.001	0.005		2
5.63	0.005	0.001	0.004		2
5.65	0.005	0.001	0.004		2
5.67	0.005	0.001	0.004		2
5.68	0.005	0.001	0.004		2
5.70	0.005	0.001	0.004		2
5.72	0.005	0.001	0.004		2
5.73	0.004	0.001	0.003		1
5.75	0.004	0.001	0.003		1
5.77	0.004	0.001	0.003		1
5.78	0.004	0.001	0.003		1
5.80	0.004	0.001	0.003		1
5.82	0.004	0.001	0.003		1
5.83	0.003	0.001	0.002		1
5.85	0.003	0.001	0.002		1
5.87	0.003	0.001	0.002		1
5.88	0.003	0.001	0.002		1
5.90	0.003	0.001	0.002		1
5.92	0.003	0.001	0.002		1
5.93	0.003	0.001	0.002		1
5.95	0.002	0.001	0.001		1
5.97	0.002	0.001	0.001		1
5.98	0.002	0.001	0.001		0
6.00	0.002	0.001	0.001		0
6.02					0
6.03					0
6.05					0
6.07					0
6.08					0
6.10					0

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:10:45

BASIN DATA

Basin Area= .06 square miles
Lag Time= .08 hours

LOSS DATA

Initial Loss= 1 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 6 hrs
Unit Duration= .02 hrs

VOLUME

Volume of Dgraph= 2345
Volume of Ugraph= 1 in
Total Rainfall= 13.905 in
Total Rainfall Excess= 12.679 in

Volume of Fgraph= 29544 cfs- 1.666667E-02 hr
or 41 ac-ft
or 12.707 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:10:45

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
0.02	0.002	0.002	0.000	67	0
0.03	0.002	0.002	0.000	151	0
0.05	0.002	0.002	0.000	262	0
0.07	0.002	0.002	0.000	342	0
0.08	0.002	0.002	0.000	336	0
0.10	0.003	0.003	0.000	225	0
0.12	0.003	0.003	0.000	192	0
0.13	0.003	0.003	0.000	157	0
0.15	0.003	0.003	0.000	125	0
0.17	0.003	0.003	0.000	99	0
0.18	0.003	0.003	0.000	78	0
0.20	0.003	0.003	0.000	61	0
0.22	0.003	0.003	0.000	48	0
0.23	0.003	0.003	0.000	39	0
0.25	0.003	0.003	0.000	32	0
0.27	0.003	0.003	0.000	27	0
0.28	0.003	0.003	0.000	22	0
0.30	0.003	0.003	0.000	17	0
0.32	0.003	0.003	0.000	13	0
0.33	0.003	0.003	0.000	10	0
0.35	0.004	0.004	0.000	7	0
0.37	0.004	0.004	0.000	5	0
0.38	0.004	0.004	0.000	4	0
0.40	0.004	0.004	0.000	3	0
0.42	0.004	0.004	0.000	2	0
0.43	0.004	0.004	0.000		0
0.45	0.004	0.004	0.000		0
0.47	0.004	0.004	0.000		0
0.48	0.004	0.004	0.000		0
0.50	0.004	0.004	0.000		0
0.52	0.004	0.004	0.000		0
0.53	0.004	0.004	0.000		0
0.55	0.004	0.004	0.000		0
0.57	0.005	0.005	0.000		0
0.58	0.005	0.005	0.000		0
0.60	0.005	0.005	0.000		0
0.62	0.005	0.005	0.000		0
0.63	0.005	0.005	0.000		0
0.65	0.005	0.005	0.000		0
0.67	0.005	0.005	0.000		0
0.68	0.005	0.005	0.000		0

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:10:45

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
0.70	0.005	0.005	0.000		0
0.72	0.005	0.005	0.000		0
0.73	0.005	0.005	0.000		0
0.75	0.005	0.005	0.000		0
0.77	0.006	0.006	0.000		0
0.78	0.006	0.006	0.000		0
0.80	0.006	0.006	0.000		0
0.82	0.006	0.006	0.000		0
0.83	0.006	0.006	0.000		0
0.85	0.006	0.006	0.000		0
0.87	0.006	0.006	0.000		0
0.88	0.006	0.006	0.000		0
0.90	0.006	0.006	0.000		0
0.92	0.006	0.006	0.000		0
0.93	0.006	0.006	0.000		0
0.95	0.007	0.007	0.000		0
0.97	0.007	0.007	0.000		0
0.98	0.007	0.007	0.000		0
1.00	0.007	0.007	0.000		0
1.02	0.007	0.007	0.000		0
1.03	0.007	0.007	0.000		0
1.05	0.007	0.007	0.000		0
1.07	0.007	0.007	0.000		0
1.08	0.007	0.007	0.000		0
1.10	0.007	0.007	0.000		0
1.12	0.007	0.007	0.000		0
1.13	0.008	0.008	0.000		0
1.15	0.008	0.008	0.000		0
1.17	0.008	0.008	0.000		0
1.18	0.008	0.008	0.000		0
1.20	0.008	0.008	0.000		0
1.22	0.008	0.008	0.000		0
1.23	0.008	0.008	0.000		0
1.25	0.008	0.008	0.000		0
1.27	0.008	0.008	0.000		0
1.28	0.008	0.008	0.000		0
1.30	0.009	0.009	0.000		0
1.32	0.009	0.009	0.000		0
1.33	0.009	0.009	0.000		0
1.35	0.009	0.009	0.000		0
1.37	0.009	0.009	0.000		0

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:10:45

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.38	0.009	0.009	0.000		0
1.40	0.009	0.009	0.000		0
1.42	0.009	0.009	0.000		0
1.43	0.009	0.009	0.000		0
1.45	0.009	0.009	0.000		0
1.47	0.010	0.010	0.000		0
1.48	0.010	0.010	0.000		0
1.50	0.010	0.010	0.000		0
1.52	0.010	0.010	0.000		0
1.53	0.010	0.010	0.000		0
1.55	0.010	0.010	0.000		0
1.57	0.010	0.010	0.000		0
1.58	0.010	0.010	0.000		0
1.60	0.010	0.010	0.000		0
1.62	0.010	0.010	0.000		0
1.63	0.010	0.010	0.000		0
1.65	0.010	0.010	0.000		0
1.67	0.010	0.010	0.000		0
1.68	0.011	0.011	0.000		0
1.70	0.011	0.011	0.000		0
1.72	0.011	0.011	0.000		0
1.73	0.011	0.011	0.000		0
1.75	0.011	0.011	0.000		0
1.77	0.011	0.011	0.000		0
1.78	0.011	0.011	0.000		0
1.80	0.011	0.011	0.000		0
1.82	0.011	0.011	0.000		0
1.83	0.011	0.011	0.000		0
1.85	0.011	0.011	0.000		0
1.87	0.011	0.011	0.000		0
1.88	0.011	0.011	0.000		0
1.90	0.011	0.011	0.000		0
1.92	0.011	0.011	0.000		0
1.93	0.011	0.011	0.000		0
1.95	0.011	0.011	0.000		0
1.97	0.011	0.011	0.000		0
1.98	0.011	0.011	0.000		0
2.00	0.011	0.011	0.000		0
2.02	0.011	0.011	0.000		0
2.03	0.011	0.011	0.000		0
2.05	0.011	0.011	0.000		0

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:10:45

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.07	0.012	0.012	0.000		0
2.08	0.012	0.012	0.000		0
2.10	0.012	0.012	0.000		0
2.12	0.012	0.012	0.000		0
2.13	0.012	0.012	0.000		0
2.15	0.012	0.012	0.000		0
2.17	0.012	0.012	0.000		0
2.18	0.012	0.012	0.000		0
2.20	0.012	0.012	0.000		0
2.22	0.012	0.012	0.000		0
2.23	0.013	0.013	0.000		0
2.25	0.013	0.005	0.008		1
2.27	0.013	0.001	0.012		2
2.28	0.013	0.001	0.012		5
2.30	0.013	0.001	0.012		9
2.32	0.013	0.001	0.012		13
2.33	0.014	0.001	0.013		16
2.35	0.014	0.001	0.013		19
2.37	0.014	0.001	0.013		21
2.38	0.014	0.001	0.013		23
2.40	0.014	0.001	0.013		25
2.42	0.014	0.001	0.013		26
2.43	0.015	0.001	0.014		27
2.45	0.015	0.001	0.014		28
2.47	0.015	0.001	0.014		29
2.48	0.015	0.001	0.014		30
2.50	0.016	0.001	0.015		30
2.52	0.016	0.001	0.015		31
2.53	0.016	0.001	0.015		32
2.55	0.017	0.001	0.016		33
2.57	0.017	0.001	0.016		33
2.58	0.017	0.001	0.016		34
2.60	0.018	0.001	0.017		35
2.62	0.018	0.001	0.017		36
2.63	0.018	0.001	0.017		36
2.65	0.019	0.001	0.018		37
2.67	0.019	0.001	0.018		38
2.68	0.019	0.001	0.018		39
2.70	0.020	0.001	0.019		39
2.72	0.020	0.001	0.019		40
2.73	0.021	0.001	0.020		41

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:10:45

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.75	0.021	0.001	0.020		42
2.77	0.021	0.001	0.020		43
2.78	0.022	0.001	0.021		44
2.80	0.022	0.001	0.021		44
2.82	0.023	0.001	0.022		45
2.83	0.023	0.001	0.022		46
2.85	0.023	0.001	0.022		47
2.87	0.024	0.001	0.023		48
2.88	0.024	0.001	0.023		49
2.90	0.025	0.001	0.024		50
2.92	0.025	0.001	0.024		51
2.93	0.026	0.001	0.025		52
2.95	0.027	0.001	0.026		53
2.97	0.027	0.001	0.026		54
2.98	0.028	0.001	0.027		55
3.00	0.028	0.001	0.027		57
3.02	0.029	0.001	0.028		58
3.03	0.030	0.001	0.029		59
3.05	0.030	0.001	0.029		61
3.07	0.031	0.001	0.030		62
3.08	0.031	0.001	0.030		63
3.10	0.032	0.001	0.031		65
3.12	0.033	0.001	0.032		66
3.13	0.033	0.001	0.032		67
3.15	0.034	0.001	0.033		69
3.17	0.035	0.001	0.034		70
3.18	0.035	0.001	0.034		72
3.20	0.036	0.001	0.035		73
3.22	0.037	0.001	0.036		75
3.23	0.038	0.001	0.037		76
3.25	0.038	0.001	0.037		78
3.27	0.039	0.001	0.038		79
3.28	0.040	0.001	0.039		81
3.30	0.041	0.001	0.040		83
3.32	0.041	0.001	0.040		84
3.33	0.042	0.001	0.041		86
3.35	0.043	0.001	0.042		88
3.37	0.044	0.001	0.043		90
3.38	0.045	0.001	0.044		91
3.40	0.046	0.001	0.045		93
3.42	0.047	0.001	0.046		95

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:10:45

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
3.43	0.048	0.001	0.047		97
3.45	0.049	0.001	0.048		99
3.47	0.050	0.001	0.049		102
3.48	0.051	0.001	0.050		104
3.50	0.052	0.001	0.051		106
3.52	0.053	0.001	0.052		108
3.53	0.055	0.001	0.054		111
3.55	0.055	0.001	0.054		113
3.57	0.057	0.001	0.056		115
3.58	0.058	0.001	0.057		118
3.60	0.060	0.001	0.059		121
3.62	0.062	0.001	0.061		123
3.63	0.064	0.001	0.063		126
3.65	0.065	0.001	0.064		130
3.67	0.068	0.001	0.067		133
3.68	0.070	0.001	0.069		137
3.70	0.080	0.001	0.079		141
3.72	0.086	0.001	0.085		147
3.73	0.103	0.001	0.102		155
3.75	0.114	0.001	0.113		166
3.77	0.139	0.001	0.138		181
3.78	0.153	0.001	0.152		201
3.80	0.186	0.001	0.185		226
3.82	0.204	0.001	0.203		256
3.83	0.245	0.001	0.244		292
3.85	0.267	0.001	0.266		333
3.87	0.316	0.001	0.315		381
3.88	0.342	0.001	0.341		435
3.90	0.399	0.001	0.398		496
3.92	0.429	0.001	0.428		562
3.93	0.493	0.001	0.492		637
3.95	0.528	0.001	0.527		717
3.97	0.600	0.001	0.599		805
3.98	0.638	0.001	0.637		898
4.00	0.677	0.001	0.676		997
4.02	0.563	0.001	0.562		1087
4.03	0.461	0.001	0.460		1155
4.05	0.370	0.001	0.369		1182
4.07	0.291	0.001	0.290		1162
4.08	0.224	0.001	0.223		1099
4.10	0.169	0.001	0.168		1014

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:10:45

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
4.12	0.126	0.001	0.125		916
4.13	0.094	0.001	0.093		811
4.15	0.074	0.001	0.073		707
4.17	0.066	0.001	0.065		609
4.18	0.063	0.001	0.062		522
4.20	0.059	0.001	0.058		448
4.22	0.056	0.001	0.055		386
4.23	0.054	0.001	0.053		335
4.25	0.051	0.001	0.050		293
4.27	0.049	0.001	0.048		257
4.28	0.047	0.001	0.046		228
4.30	0.045	0.001	0.044		203
4.32	0.044	0.001	0.043		182
4.33	0.042	0.001	0.041		164
4.35	0.040	0.001	0.039		149
4.37	0.039	0.001	0.038		136
4.38	0.037	0.001	0.036		125
4.40	0.036	0.001	0.035		115
4.42	0.034	0.001	0.033		107
4.43	0.033	0.001	0.032		101
4.45	0.032	0.001	0.031		95
4.47	0.030	0.001	0.029		90
4.48	0.029	0.001	0.028		86
4.50	0.028	0.001	0.027		82
4.52	0.027	0.001	0.026		78
4.53	0.026	0.001	0.025		75
4.55	0.025	0.001	0.024		72
4.57	0.024	0.001	0.023		69
4.58	0.023	0.001	0.022		66
4.60	0.022	0.001	0.021		63
4.62	0.021	0.001	0.020		61
4.63	0.020	0.001	0.019		58
4.65	0.019	0.001	0.018		56
4.67	0.019	0.001	0.018		53
4.68	0.018	0.001	0.017		51
4.70	0.017	0.001	0.016		49
4.72	0.017	0.001	0.016		47
4.73	0.016	0.001	0.015		45
4.75	0.016	0.001	0.015		43
4.77	0.015	0.001	0.014		42
4.78	0.015	0.001	0.014		40

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:10:45

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
4.80	0.014	0.001	0.013		39
4.82	0.014	0.001	0.013		37
4.83	0.013	0.001	0.012		36
4.85	0.013	0.001	0.012		35
4.87	0.013	0.001	0.012		34
4.88	0.012	0.001	0.011		32
4.90	0.012	0.001	0.011		31
4.92	0.012	0.001	0.011		30
4.93	0.012	0.001	0.011		29
4.95	0.012	0.001	0.011		29
4.97	0.011	0.001	0.010		28
4.98	0.011	0.001	0.010		27
5.00	0.011	0.001	0.010		27
5.02	0.011	0.001	0.010		26
5.03	0.011	0.001	0.010		26
5.05	0.011	0.001	0.010		25
5.07	0.011	0.001	0.010		25
5.08	0.011	0.001	0.010		25
5.10	0.011	0.001	0.010		24
5.12	0.011	0.001	0.010		24
5.13	0.011	0.001	0.010		24
5.15	0.011	0.001	0.010		24
5.17	0.010	0.001	0.009		24
5.18	0.010	0.001	0.009		24
5.20	0.010	0.001	0.009		23
5.22	0.010	0.001	0.009		23
5.23	0.010	0.001	0.009		23
5.25	0.010	0.001	0.009		22
5.27	0.010	0.001	0.009		22
5.28	0.009	0.001	0.008		22
5.30	0.009	0.001	0.008		22
5.32	0.009	0.001	0.008		21
5.33	0.009	0.001	0.008		21
5.35	0.009	0.001	0.008		20
5.37	0.008	0.001	0.007		20
5.38	0.008	0.001	0.007		20
5.40	0.008	0.001	0.007		19
5.42	0.008	0.001	0.007		19
5.43	0.008	0.001	0.007		18
5.45	0.007	0.001	0.006		18
5.47	0.007	0.001	0.006		17

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:10:45

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
5.48	0.007	0.001	0.006		17
5.50	0.007	0.001	0.006		16
5.52	0.007	0.001	0.006		16
5.53	0.006	0.001	0.005		16
5.55	0.006	0.001	0.005		15
5.57	0.006	0.001	0.005		15
5.58	0.006	0.001	0.005		14
5.60	0.006	0.001	0.005		14
5.62	0.006	0.001	0.005		13
5.63	0.005	0.001	0.004		13
5.65	0.005	0.001	0.004		13
5.67	0.005	0.001	0.004		12
5.68	0.005	0.001	0.004		12
5.70	0.005	0.001	0.004		11
5.72	0.005	0.001	0.004		11
5.73	0.004	0.001	0.003		11
5.75	0.004	0.001	0.003		10
5.77	0.004	0.001	0.003		10
5.78	0.004	0.001	0.003		9
5.80	0.004	0.001	0.003		9
5.82	0.004	0.001	0.003		9
5.83	0.003	0.001	0.002		8
5.85	0.003	0.001	0.002		8
5.87	0.003	0.001	0.002		7
5.88	0.003	0.001	0.002		7
5.90	0.003	0.001	0.002		7
5.92	0.003	0.001	0.002		6
5.93	0.003	0.001	0.002		6
5.95	0.002	0.001	0.001		6
5.97	0.002	0.001	0.001		5
5.98	0.002	0.001	0.001		5
6.00	0.002	0.001	0.001		5
6.02					4
6.03					4
6.05					3
6.07					2
6.08					2
6.10					2
6.12					1
6.13					1
6.15					1

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:10:45

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
6.17					1
6.18					0
6.20					0
6.22					0
6.23					0
6.25					0
6.27					0
6.28					0
6.30					0
6.32					0
6.33					0
6.35					0
6.37					0
6.38					0
6.40					0

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:25:54

BASIN DATA

Basin Area= .27 square miles
Lag Time= .13 hours

LOSS DATA

Initial Loss= 1 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 6 hrs
Unit Duration= 1 min

VOLUME

Volume of Dgraph= 2383
Volume of Ugraph= 1 in
Total Rainfall= 13.905 in
Total Rainfall Excess= 12.679 in

Volume of Fgraph= 132947 cfs- 1.666667E-02 hr
or 183 ac-ft
or 12.718 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:25:54

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.00	0.002	0.002	0.000	149	0
2.00	0.002	0.002	0.000	258	0
3.00	0.002	0.002	0.000	436	0
4.00	0.002	0.002	0.000	674	0
5.00	0.002	0.002	0.000	818	0
6.00	0.003	0.003	0.000	972	0
7.00	0.003	0.003	0.000	1267	0
8.00	0.003	0.003	0.000	836	0
9.00	0.003	0.003	0.000	669	0
10.00	0.003	0.003	0.000	594	0
11.00	0.003	0.003	0.000	536	0
12.00	0.003	0.003	0.000	468	0
13.00	0.003	0.003	0.000	403	0
14.00	0.003	0.003	0.000	346	0
15.00	0.003	0.003	0.000	297	0
16.00	0.003	0.003	0.000	253	0
17.00	0.003	0.003	0.000	215	0
18.00	0.003	0.003	0.000	183	0
19.00	0.003	0.003	0.000	156	0
20.00	0.003	0.003	0.000	134	0
21.00	0.004	0.004	0.000	116	0
22.00	0.004	0.004	0.000	102	0
23.00	0.004	0.004	0.000	91	0
24.00	0.004	0.004	0.000	80	0
25.00	0.004	0.004	0.000	70	0
26.00	0.004	0.004	0.000	61	0
27.00	0.004	0.004	0.000	52	0
28.00	0.004	0.004	0.000	45	0
29.00	0.004	0.004	0.000	37	0
30.00	0.004	0.004	0.000	31	0
31.00	0.004	0.004	0.000	25	0
32.00	0.004	0.004	0.000	20	0
33.00	0.004	0.004	0.000	16	0
34.00	0.005	0.005	0.000	13	0
35.00	0.005	0.005	0.000	10	0
36.00	0.005	0.005	0.000	8	0
37.00	0.005	0.005	0.000	7	0
38.00	0.005	0.005	0.000	6	0
39.00	0.005	0.005	0.000		0
40.00	0.005	0.005	0.000		0
41.00	0.005	0.005	0.000		0

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:25:54

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
42.00	0.005	0.005	0.000		0
43.00	0.005	0.005	0.000		0
44.00	0.005	0.005	0.000		0
45.00	0.005	0.005	0.000		0
46.00	0.006	0.006	0.000		0
47.00	0.006	0.006	0.000		0
48.00	0.006	0.006	0.000		0
49.00	0.006	0.006	0.000		0
50.00	0.006	0.006	0.000		0
51.00	0.006	0.006	0.000		0
52.00	0.006	0.006	0.000		0
53.00	0.006	0.006	0.000		0
54.00	0.006	0.006	0.000		0
55.00	0.006	0.006	0.000		0
56.00	0.006	0.006	0.000		0
57.00	0.007	0.007	0.000		0
58.00	0.007	0.007	0.000		0
59.00	0.007	0.007	0.000		0
60.00	0.007	0.007	0.000		0
61.00	0.007	0.007	0.000		0
62.00	0.007	0.007	0.000		0
63.00	0.007	0.007	0.000		0
64.00	0.007	0.007	0.000		0
65.00	0.007	0.007	0.000		0
66.00	0.007	0.007	0.000		0
67.00	0.007	0.007	0.000		0
68.00	0.008	0.008	0.000		0
69.00	0.008	0.008	0.000		0
70.00	0.008	0.008	0.000		0
71.00	0.008	0.008	0.000		0
72.00	0.008	0.008	0.000		0
73.00	0.008	0.008	0.000		0
74.00	0.008	0.008	0.000		0
75.00	0.008	0.008	0.000		0
76.00	0.008	0.008	0.000		0
77.00	0.008	0.008	0.000		0
78.00	0.009	0.009	0.000		0
79.00	0.009	0.009	0.000		0
80.00	0.009	0.009	0.000		0
81.00	0.009	0.009	0.000		0
82.00	0.009	0.009	0.000		0

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
83.00	0.009	0.009	0.000		0
84.00	0.009	0.009	0.000		0
85.00	0.009	0.009	0.000		0
86.00	0.009	0.009	0.000		0
87.00	0.009	0.009	0.000		0
88.00	0.010	0.010	0.000		0
89.00	0.010	0.010	0.000		0
90.00	0.010	0.010	0.000		0
91.00	0.010	0.010	0.000		0
92.00	0.010	0.010	0.000		0
93.00	0.010	0.010	0.000		0
94.00	0.010	0.010	0.000		0
95.00	0.010	0.010	0.000		0
96.00	0.010	0.010	0.000		0
97.00	0.010	0.010	0.000		0
98.00	0.010	0.010	0.000		0
99.00	0.010	0.010	0.000		0
100.00	0.010	0.010	0.000		0
101.00	0.011	0.011	0.000		0
102.00	0.011	0.011	0.000		0
103.00	0.011	0.011	0.000		0
104.00	0.011	0.011	0.000		0
105.00	0.011	0.011	0.000		0
106.00	0.011	0.011	0.000		0
107.00	0.011	0.011	0.000		0
108.00	0.011	0.011	0.000		0
109.00	0.011	0.011	0.000		0
110.00	0.011	0.011	0.000		0
111.00	0.011	0.011	0.000		0
112.00	0.011	0.011	0.000		0
113.00	0.011	0.011	0.000		0
114.00	0.011	0.011	0.000		0
115.00	0.011	0.011	0.000		0
116.00	0.011	0.011	0.000		0
117.00	0.011	0.011	0.000		0
118.00	0.011	0.011	0.000		0
119.00	0.011	0.011	0.000		0
120.00	0.011	0.011	0.000		0
121.00	0.011	0.011	0.000		0
122.00	0.011	0.011	0.000		0
123.00	0.011	0.011	0.000		0

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:25:54

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
124.00	0.012	0.012	0.000		0
125.00	0.012	0.012	0.000		0
126.00	0.012	0.012	0.000		0
127.00	0.012	0.012	0.000		0
128.00	0.012	0.012	0.000		0
129.00	0.012	0.012	0.000		0
130.00	0.012	0.012	0.000		0
131.00	0.012	0.012	0.000		0
132.00	0.012	0.012	0.000		0
133.00	0.012	0.012	0.000		0
134.00	0.013	0.013	0.000		0
135.00	0.013	0.005	0.008		1
136.00	0.013	0.001	0.012		4
137.00	0.013	0.001	0.012		9
138.00	0.013	0.001	0.012		16
139.00	0.013	0.001	0.012		25
140.00	0.014	0.001	0.013		37
141.00	0.014	0.001	0.013		51
142.00	0.014	0.001	0.013		64
143.00	0.014	0.001	0.013		73
144.00	0.014	0.001	0.013		81
145.00	0.014	0.001	0.013		89
146.00	0.015	0.001	0.014		96
147.00	0.015	0.001	0.014		103
148.00	0.015	0.001	0.014		108
149.00	0.015	0.001	0.014		113
150.00	0.016	0.001	0.015		118
151.00	0.016	0.001	0.015		122
152.00	0.016	0.001	0.015		127
153.00	0.017	0.001	0.016		131
154.00	0.017	0.001	0.016		135
155.00	0.017	0.001	0.016		138
156.00	0.018	0.001	0.017		142
157.00	0.018	0.001	0.017		146
158.00	0.018	0.001	0.017		150
159.00	0.019	0.001	0.018		154
160.00	0.019	0.001	0.018		158
161.00	0.019	0.001	0.018		161
162.00	0.020	0.001	0.019		165
163.00	0.020	0.001	0.019		169
164.00	0.021	0.001	0.020		172

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
165.00	0.021	0.001	0.020		176
166.00	0.021	0.001	0.020		180
167.00	0.022	0.001	0.021		184
168.00	0.022	0.001	0.021		188
169.00	0.023	0.001	0.022		191
170.00	0.023	0.001	0.022		196
171.00	0.023	0.001	0.022		199
172.00	0.024	0.001	0.023		203
173.00	0.024	0.001	0.023		207
174.00	0.025	0.001	0.024		211
175.00	0.025	0.001	0.024		216
176.00	0.026	0.001	0.025		220
177.00	0.027	0.001	0.026		224
178.00	0.027	0.001	0.026		229
179.00	0.028	0.001	0.027		233
180.00	0.028	0.001	0.027		238
181.00	0.029	0.001	0.028		244
182.00	0.030	0.001	0.029		249
183.00	0.030	0.001	0.029		255
184.00	0.031	0.001	0.030		260
185.00	0.031	0.001	0.030		266
186.00	0.032	0.001	0.031		271
187.00	0.033	0.001	0.032		278
188.00	0.033	0.001	0.032		284
189.00	0.034	0.001	0.033		289
190.00	0.035	0.001	0.034		296
191.00	0.035	0.001	0.034		302
192.00	0.036	0.001	0.035		308
193.00	0.037	0.001	0.036		315
194.00	0.038	0.001	0.037		321
195.00	0.038	0.001	0.037		328
196.00	0.039	0.001	0.038		335
197.00	0.040	0.001	0.039		342
198.00	0.041	0.001	0.040		349
199.00	0.041	0.001	0.040		356
200.00	0.042	0.001	0.041		364
201.00	0.043	0.001	0.042		371
202.00	0.044	0.001	0.043		378
203.00	0.045	0.001	0.044		386
204.00	0.046	0.001	0.045		394
205.00	0.047	0.001	0.046		402

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
206.00	0.048	0.001	0.047		410
207.00	0.049	0.001	0.048		419
208.00	0.050	0.001	0.049		428
209.00	0.051	0.001	0.050		437
210.00	0.052	0.001	0.051		446
211.00	0.053	0.001	0.052		456
212.00	0.055	0.001	0.054		466
213.00	0.055	0.001	0.054		476
214.00	0.057	0.001	0.056		486
215.00	0.058	0.001	0.057		496
216.00	0.060	0.001	0.059		507
217.00	0.062	0.001	0.061		518
218.00	0.064	0.001	0.063		530
219.00	0.065	0.001	0.064		543
220.00	0.068	0.001	0.067		556
221.00	0.070	0.001	0.069		570
222.00	0.080	0.001	0.079		587
223.00	0.086	0.001	0.085		605
224.00	0.103	0.001	0.102		629
225.00	0.114	0.001	0.113		658
226.00	0.139	0.001	0.138		698
227.00	0.153	0.001	0.152		750
228.00	0.186	0.001	0.185		819
229.00	0.204	0.001	0.203		903
230.00	0.245	0.001	0.244		1009
231.00	0.267	0.001	0.266		1133
232.00	0.316	0.001	0.315		1283
233.00	0.342	0.001	0.341		1452
234.00	0.399	0.001	0.398		1651
235.00	0.429	0.001	0.428		1870
236.00	0.493	0.001	0.492		2122
237.00	0.528	0.001	0.527		2394
238.00	0.600	0.001	0.599		2701
239.00	0.638	0.001	0.637		3029
240.00	0.677	0.001	0.676		3387
241.00	0.563	0.001	0.562		3738
242.00	0.461	0.001	0.460		4074
243.00	0.370	0.001	0.369		4351
244.00	0.291	0.001	0.290		4551
245.00	0.224	0.001	0.223		4634
246.00	0.169	0.001	0.168		4596

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
247.00	0.126	0.001	0.125		4404
248.00	0.094	0.001	0.093		4139
249.00	0.074	0.001	0.073		3835
250.00	0.066	0.001	0.065		3513
251.00	0.063	0.001	0.062		3186
252.00	0.059	0.001	0.058		2869
253.00	0.056	0.001	0.055		2573
254.00	0.054	0.001	0.053		2305
255.00	0.051	0.001	0.050		2067
256.00	0.049	0.001	0.048		1860
257.00	0.047	0.001	0.046		1678
258.00	0.045	0.001	0.044		1518
259.00	0.044	0.001	0.043		1378
260.00	0.042	0.001	0.041		1255
261.00	0.040	0.001	0.039		1146
262.00	0.039	0.001	0.038		1051
263.00	0.037	0.001	0.036		966
264.00	0.036	0.001	0.035		889
265.00	0.034	0.001	0.033		820
266.00	0.033	0.001	0.032		757
267.00	0.032	0.001	0.031		699
268.00	0.030	0.001	0.029		647
269.00	0.029	0.001	0.028		598
270.00	0.028	0.001	0.027		554
271.00	0.027	0.001	0.026		514
272.00	0.026	0.001	0.025		478
273.00	0.025	0.001	0.024		446
274.00	0.024	0.001	0.023		416
275.00	0.023	0.001	0.022		390
276.00	0.022	0.001	0.021		366
277.00	0.021	0.001	0.020		344
278.00	0.020	0.001	0.019		324
279.00	0.019	0.001	0.018		306
280.00	0.019	0.001	0.018		290
281.00	0.018	0.001	0.017		276
282.00	0.017	0.001	0.016		263
283.00	0.017	0.001	0.016		251
284.00	0.016	0.001	0.015		240
285.00	0.016	0.001	0.015		230
286.00	0.015	0.001	0.014		221
287.00	0.015	0.001	0.014		212

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:25:54

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
288.00	0.014	0.001	0.013		204
289.00	0.014	0.001	0.013		196
290.00	0.013	0.001	0.012		189
291.00	0.013	0.001	0.012		182
292.00	0.013	0.001	0.012		175
293.00	0.012	0.001	0.011		169
294.00	0.012	0.001	0.011		162
295.00	0.012	0.001	0.011		157
296.00	0.012	0.001	0.011		151
297.00	0.012	0.001	0.011		147
298.00	0.011	0.001	0.010		142
299.00	0.011	0.001	0.010		138
300.00	0.011	0.001	0.010		134
301.00	0.011	0.001	0.010		131
302.00	0.011	0.001	0.010		128
303.00	0.011	0.001	0.010		125
304.00	0.011	0.001	0.010		122
305.00	0.011	0.001	0.010		119
306.00	0.011	0.001	0.010		117
307.00	0.011	0.001	0.010		116
308.00	0.011	0.001	0.010		114
309.00	0.011	0.001	0.010		113
310.00	0.010	0.001	0.009		112
311.00	0.010	0.001	0.009		111
312.00	0.010	0.001	0.009		109
313.00	0.010	0.001	0.009		108
314.00	0.010	0.001	0.009		107
315.00	0.010	0.001	0.009		105
316.00	0.010	0.001	0.009		104
317.00	0.009	0.001	0.008		102
318.00	0.009	0.001	0.008		101
319.00	0.009	0.001	0.008		100
320.00	0.009	0.001	0.008		98
321.00	0.009	0.001	0.008		97
322.00	0.008	0.001	0.007		95
323.00	0.008	0.001	0.007		93
324.00	0.008	0.001	0.007		92
325.00	0.008	0.001	0.007		90
326.00	0.008	0.001	0.007		88
327.00	0.007	0.001	0.006		86
328.00	0.007	0.001	0.006		84

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
KLB 02-21-1986 09:25:54

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
329.00	0.007	0.001	0.006		82
330.00	0.007	0.001	0.006		81
331.00	0.007	0.001	0.006		79
332.00	0.006	0.001	0.005		77
333.00	0.006	0.001	0.005		74
334.00	0.006	0.001	0.005		72
335.00	0.006	0.001	0.005		71
336.00	0.006	0.001	0.005		69
337.00	0.006	0.001	0.005		67
338.00	0.005	0.001	0.004		65
339.00	0.005	0.001	0.004		63
340.00	0.005	0.001	0.004		61
341.00	0.005	0.001	0.004		59
342.00	0.005	0.001	0.004		57
343.00	0.005	0.001	0.004		56
344.00	0.004	0.001	0.003		53
345.00	0.004	0.001	0.003		52
346.00	0.004	0.001	0.003		50
347.00	0.004	0.001	0.003		48
348.00	0.004	0.001	0.003		47
349.00	0.004	0.001	0.003		45
350.00	0.003	0.001	0.002		43
351.00	0.003	0.001	0.002		41
352.00	0.003	0.001	0.002		39
353.00	0.003	0.001	0.002		38
354.00	0.003	0.001	0.002		36
355.00	0.003	0.001	0.002		34
356.00	0.003	0.001	0.002		32
357.00	0.002	0.001	0.001		31
358.00	0.002	0.001	0.001		29
359.00	0.002	0.001	0.001		28
360.00	0.002	0.001	0.001		26
361.00					25
362.00					23
363.00					20
364.00					18
365.00					16
366.00					14
367.00					12
368.00					10
369.00					9

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
THUNDERSTORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
370.00					7
371.00					6
372.00					5
373.00					5
374.00					4
375.00					3
376.00					3
377.00					2
378.00					2
379.00					2
380.00					1
381.00					1
382.00					1
383.00					1
384.00					1
385.00					1
386.00					0
387.00					0
388.00					0
389.00					0
390.00					0
391.00					0
392.00					0
393.00					0
394.00					0
395.00					0
396.00					0
397.00					0

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:35:25

BASIN DATA

Basin Area= .36 square miles
Lag Time= .16 hours

LOSS DATA

Initial Loss= 1 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 6 hrs
Unit Duration= .03 hrs

VOLUME

Volume of Dgraph= 2369
Volume of Ugraph= 1 in
Total Rainfall= 13.905 in
Total Rainfall Excess= 12.681 in

Volume of Fgraph= 88641 cfs- 3.333334E-02 hr
or 244 ac-ft
or 12.72 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:35:25

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
0.03	0.005	0.005	0.000	215	0
0.07	0.005	0.005	0.000	494	0
0.10	0.006	0.006	0.000	831	0
0.13	0.006	0.006	0.000	1214	0
0.17	0.006	0.006	0.000	920	0
0.20	0.006	0.006	0.000	661	0
0.23	0.006	0.006	0.000	565	0
0.27	0.006	0.006	0.000	452	0
0.30	0.007	0.007	0.000	356	0
0.33	0.007	0.007	0.000	278	0
0.37	0.007	0.007	0.000	215	0
0.40	0.007	0.007	0.000	167	0
0.43	0.008	0.008	0.000	132	0
0.47	0.008	0.008	0.000	108	0
0.50	0.008	0.008	0.000	89	0
0.53	0.008	0.008	0.000	72	0
0.57	0.009	0.009	0.000	57	0
0.60	0.009	0.009	0.000	44	0
0.63	0.009	0.009	0.000	33	0
0.67	0.010	0.010	0.000	24	0
0.70	0.010	0.010	0.000	17	0
0.73	0.010	0.010	0.000	12	0
0.77	0.011	0.011	0.000	8	0
0.80	0.011	0.011	0.000	7	0
0.83	0.011	0.011	0.000		0
0.87	0.012	0.012	0.000		0
0.90	0.012	0.012	0.000		0
0.93	0.013	0.013	0.000		0
0.97	0.013	0.013	0.000		0
1.00	0.014	0.014	0.000		0
1.03	0.014	0.014	0.000		0
1.07	0.015	0.015	0.000		0
1.10	0.015	0.015	0.000		0
1.13	0.016	0.016	0.000		0
1.17	0.016	0.016	0.000		0
1.20	0.017	0.017	0.000		0
1.23	0.017	0.017	0.000		0
1.27	0.018	0.018	0.000		0
1.30	0.018	0.018	0.000		0
1.33	0.019	0.019	0.000		0
1.37	0.019	0.019	0.000		0

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:35:25

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.40	0.020	0.020	0.000		0
1.43	0.020	0.020	0.000		0
1.47	0.020	0.020	0.000		0
1.50	0.021	0.021	0.000		0
1.53	0.021	0.021	0.000		0
1.57	0.021	0.021	0.000		0
1.60	0.021	0.021	0.000		0
1.63	0.021	0.021	0.000		0
1.67	0.022	0.022	0.000		0
1.70	0.022	0.022	0.000		0
1.73	0.021	0.021	0.000		0
1.77	0.021	0.021	0.000		0
1.80	0.021	0.021	0.000		0
1.83	0.021	0.021	0.000		0
1.87	0.021	0.021	0.000		0
1.90	0.021	0.021	0.000		0
1.93	0.020	0.020	0.000		0
1.97	0.020	0.020	0.000		0
2.00	0.019	0.019	0.000		0
2.03	0.019	0.019	0.000		0
2.07	0.019	0.019	0.000		0
2.10	0.019	0.019	0.000		0
2.13	0.020	0.020	0.000		0
2.17	0.020	0.020	0.000		0
2.20	0.021	0.021	0.000		0
2.23	0.021	0.021	0.000		0
2.27	0.023	0.023	0.000		0
2.30	0.023	0.002	0.021		5
2.33	0.025	0.002	0.023		16
2.37	0.026	0.002	0.024		34
2.40	0.029	0.002	0.027		63
2.43	0.030	0.002	0.028		88
2.47	0.033	0.002	0.031		109
2.50	0.035	0.002	0.033		129
2.53	0.038	0.002	0.036		149
2.57	0.040	0.002	0.038		168
2.60	0.044	0.002	0.042		187
2.63	0.046	0.002	0.044		206
2.67	0.050	0.002	0.048		225
2.70	0.052	0.002	0.050		245
2.73	0.056	0.002	0.054		265

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:35:25

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.77	0.058	0.002	0.056		285
2.80	0.060	0.002	0.058		305
2.83	0.061	0.002	0.059		325
2.87	0.063	0.002	0.061		343
2.90	0.064	0.002	0.062		359
2.93	0.064	0.002	0.062		374
2.97	0.064	0.002	0.062		387
3.00	0.064	0.002	0.062		397
3.03	0.064	0.002	0.062		406
3.07	0.062	0.002	0.060		412
3.10	0.061	0.002	0.059		416
3.13	0.059	0.002	0.057		417
3.17	0.058	0.002	0.056		416
3.20	0.054	0.002	0.052		412
3.23	0.053	0.002	0.051		406
3.27	0.048	0.002	0.046		398
3.30	0.046	0.002	0.044		387
3.33	0.041	0.002	0.039		374
3.37	0.040	0.002	0.038		358
3.40	0.046	0.002	0.044		343
3.43	0.052	0.002	0.050		332
3.47	0.072	0.002	0.070		332
3.50	0.084	0.002	0.082		347
3.53	0.117	0.002	0.115		381
3.57	0.137	0.002	0.135		439
3.60	0.183	0.002	0.181		522
3.63	0.209	0.002	0.207		633
3.67	0.268	0.002	0.266		772
3.70	0.301	0.002	0.299		943
3.73	0.374	0.002	0.372		1144
3.77	0.414	0.002	0.412		1378
3.80	0.500	0.002	0.498		1644
3.83	0.546	0.002	0.544		1945
3.87	0.646	0.002	0.644		2278
3.90	0.699	0.002	0.697		2647
3.93	0.812	0.002	0.810		3048
3.97	0.872	0.002	0.870		3487
4.00	0.934	0.002	0.932		3943
4.03	0.755	0.002	0.753		4368
4.07	0.595	0.002	0.593		4668
4.10	0.456	0.002	0.454		4771

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:35:25

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
4.13	0.337	0.002	0.335		4610
4.17	0.237	0.002	0.235		4278
4.20	0.158	0.002	0.156		3857
4.23	0.100	0.002	0.098		3384
4.27	0.061	0.002	0.059		2898
4.30	0.042	0.002	0.040		2432
4.33	0.043	0.002	0.041		2012
4.37	0.051	0.002	0.049		1657
4.40	0.056	0.002	0.054		1373
4.43	0.060	0.002	0.058		1157
4.47	0.063	0.002	0.061		994
4.50	0.064	0.002	0.062		869
4.53	0.064	0.002	0.062		772
4.57	0.062	0.002	0.060		695
4.60	0.059	0.002	0.057		631
4.63	0.054	0.002	0.052		577
4.67	0.048	0.002	0.046		529
4.70	0.042	0.002	0.040		483
4.73	0.036	0.002	0.034		439
4.77	0.032	0.002	0.030		397
4.80	0.028	0.002	0.026		356
4.83	0.024	0.002	0.022		319
4.87	0.022	0.002	0.020		286
4.90	0.020	0.002	0.018		256
4.93	0.019	0.002	0.017		229
4.97	0.019	0.002	0.017		207
5.00	0.020	0.002	0.018		189
5.03	0.020	0.002	0.018		175
5.07	0.021	0.002	0.019		164
5.10	0.021	0.002	0.019		157
5.13	0.022	0.002	0.020		152
5.17	0.021	0.002	0.019		148
5.20	0.021	0.002	0.019		145
5.23	0.021	0.002	0.019		143
5.27	0.020	0.002	0.018		141
5.30	0.019	0.002	0.017		138
5.33	0.018	0.002	0.016		135
5.37	0.017	0.002	0.015		132
5.40	0.016	0.002	0.014		127
5.43	0.015	0.002	0.013		122
5.47	0.014	0.002	0.012		117

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
THUNDERSTORM PMF AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:35:25

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
5.50	0.013	0.002	0.011		111
5.53	0.012	0.002	0.010		106
5.57	0.012	0.002	0.010		100
5.60	0.011	0.002	0.009		94
5.63	0.010	0.002	0.008		89
5.67	0.010	0.002	0.008		83
5.70	0.009	0.002	0.007		78
5.73	0.008	0.002	0.006		73
5.77	0.008	0.002	0.006		68
5.80	0.007	0.002	0.005		63
5.83	0.007	0.002	0.005		59
5.87	0.006	0.002	0.004		54
5.90	0.006	0.002	0.004		50
5.93	0.006	0.002	0.004		46
5.97	0.005	0.002	0.003		42
6.00	0.005	0.002	0.003		39
6.03					35
6.07					31
6.10					26
6.13					20
6.17					16
6.20					12
6.23					10
6.27					7
6.30					6
6.33					4
6.37					3
6.40					3
6.43					2
6.47					2
6.50					1
6.53					1
6.57					1
6.60					0
6.63					0
6.67					0
6.70					0
6.73					0
6.77					0

F GRAPH SUMMARY REPORT Table 24
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NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
THUNDERSTORM PMP AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:41:49

BASIN DATA

Basin Area= .86 square miles
Lag Time= .31 hours

LOSS DATA

Initial Loss= 1 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 6 hrs
Unit Duration= 2 min

VOLUME

Volume of Dgraph= 2387
Volume of Ugraph= 1 in
Total Rainfall= 13.905 in
Total Rainfall Excess= 12.681 in

Volume of Fgraph= 211754 cfs- .0333333 hr
or 583 ac-ft
or 12.717 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
THUNDERSTORM PMP AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:41:49

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.00	0.005	0.005	0.000	186	0
4.00	0.005	0.005	0.000	293	0
6.00	0.006	0.006	0.000	465	0
8.00	0.006	0.006	0.000	704	0
10.00	0.006	0.006	0.000	969	0
12.00	0.006	0.006	0.000	1114	0
14.00	0.006	0.006	0.000	1271	0
16.00	0.006	0.006	0.000	1770	0
18.00	0.007	0.007	0.000	1295	0
20.00	0.007	0.007	0.000	1000	0
22.00	0.007	0.007	0.000	857	0
24.00	0.007	0.007	0.000	788	0
26.00	0.008	0.008	0.000	721	0
28.00	0.008	0.008	0.000	643	0
30.00	0.008	0.008	0.000	567	0
32.00	0.008	0.008	0.000	499	0
34.00	0.009	0.009	0.000	438	0
36.00	0.009	0.009	0.000	384	0
38.00	0.009	0.009	0.000	336	0
40.00	0.010	0.010	0.000	292	0
42.00	0.010	0.010	0.000	255	0
44.00	0.010	0.010	0.000	223	0
46.00	0.011	0.011	0.000	195	0
48.00	0.011	0.011	0.000	172	0
50.00	0.011	0.011	0.000	153	0
52.00	0.012	0.012	0.000	138	0
54.00	0.012	0.012	0.000	124	0
56.00	0.013	0.013	0.000	112	0
58.00	0.013	0.013	0.000	100	0
60.00	0.014	0.014	0.000	89	0
62.00	0.014	0.014	0.000	79	0
64.00	0.015	0.015	0.000	69	0
66.00	0.015	0.015	0.000	60	0
68.00	0.016	0.016	0.000	52	0
70.00	0.016	0.016	0.000	45	0
72.00	0.017	0.017	0.000	38	0
74.00	0.017	0.017	0.000	32	0
76.00	0.018	0.018	0.000	26	0
78.00	0.018	0.018	0.000	22	0
80.00	0.019	0.019	0.000	18	0
82.00	0.019	0.019	0.000	15	0

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
THUNDERSTORM PMP AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:41:49

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
84.00	0.020	0.020	0.000	12	0
86.00	0.020	0.020	0.000	10	0
88.00	0.020	0.020	0.000	9	0
90.00	0.021	0.021	0.000	8	0
92.00	0.021	0.021	0.000		0
94.00	0.021	0.021	0.000		0
96.00	0.021	0.021	0.000		0
98.00	0.021	0.021	0.000		0
100.00	0.022	0.022	0.000		0
102.00	0.022	0.022	0.000		0
104.00	0.021	0.021	0.000		0
106.00	0.021	0.021	0.000		0
108.00	0.021	0.021	0.000		0
110.00	0.021	0.021	0.000		0
112.00	0.021	0.021	0.000		0
114.00	0.021	0.021	0.000		0
116.00	0.020	0.020	0.000		0
118.00	0.020	0.020	0.000		0
120.00	0.019	0.019	0.000		0
122.00	0.019	0.019	0.000		0
124.00	0.019	0.019	0.000		0
126.00	0.019	0.019	0.000		0
128.00	0.020	0.020	0.000		0
130.00	0.020	0.020	0.000		0
132.00	0.021	0.021	0.000		0
134.00	0.021	0.021	0.000		0
136.00	0.023	0.023	0.000		0
138.00	0.023	0.002	0.021		4
140.00	0.025	0.002	0.023		11
142.00	0.026	0.002	0.024		21
144.00	0.029	0.002	0.027		38
146.00	0.030	0.002	0.028		62
148.00	0.033	0.002	0.031		90
150.00	0.035	0.002	0.033		124
152.00	0.038	0.002	0.036		172
154.00	0.040	0.002	0.038		213
156.00	0.044	0.002	0.042		251
158.00	0.046	0.002	0.044		289
160.00	0.050	0.002	0.048		328
162.00	0.052	0.002	0.050		368
164.00	0.056	0.002	0.054		410

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
THUNDERSTORM PMP AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:41:49

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
166.00	0.058	0.002	0.056		452
168.00	0.060	0.002	0.058		495
170.00	0.061	0.002	0.059		539
172.00	0.063	0.002	0.061		582
174.00	0.064	0.002	0.062		625
176.00	0.064	0.002	0.062		666
178.00	0.064	0.002	0.062		706
180.00	0.064	0.002	0.062		743
182.00	0.064	0.002	0.062		777
184.00	0.062	0.002	0.060		808
186.00	0.061	0.002	0.059		836
188.00	0.059	0.002	0.057		859
190.00	0.058	0.002	0.056		878
192.00	0.054	0.002	0.052		893
194.00	0.053	0.002	0.051		903
196.00	0.048	0.002	0.046		909
198.00	0.046	0.002	0.044		909
200.00	0.041	0.002	0.039		904
202.00	0.040	0.002	0.038		895
204.00	0.046	0.002	0.044		883
206.00	0.052	0.002	0.050		868
208.00	0.072	0.002	0.070		857
210.00	0.084	0.002	0.082		851
212.00	0.117	0.002	0.115		859
214.00	0.137	0.002	0.135		884
216.00	0.183	0.002	0.181		939
218.00	0.209	0.002	0.207		1028
220.00	0.268	0.002	0.266		1158
222.00	0.301	0.002	0.299		1335
224.00	0.374	0.002	0.372		1561
226.00	0.414	0.002	0.412		1844
228.00	0.500	0.002	0.498		2181
230.00	0.546	0.002	0.544		2583
232.00	0.646	0.002	0.644		3045
234.00	0.699	0.002	0.697		3578
236.00	0.812	0.002	0.810		4173
238.00	0.872	0.002	0.870		4846
240.00	0.934	0.002	0.932		5572
242.00	0.755	0.002	0.753		6327
244.00	0.595	0.002	0.593		7054
246.00	0.456	0.002	0.454		7738

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
THUNDERSTORM PMP AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
248.00	0.337	0.002	0.335		8287
250.00	0.237	0.002	0.235		8681
252.00	0.156	0.002	0.156		8853
254.00	0.100	0.002	0.098		8798
256.00	0.061	0.002	0.059		8426
258.00	0.042	0.002	0.040		7886
260.00	0.043	0.002	0.041		7275
262.00	0.051	0.002	0.049		6644
264.00	0.056	0.002	0.054		6018
266.00	0.060	0.002	0.058		5422
268.00	0.063	0.002	0.061		4874
270.00	0.064	0.002	0.062		4386
272.00	0.064	0.002	0.062		3961
274.00	0.062	0.002	0.060		3599
276.00	0.059	0.002	0.057		3288
278.00	0.054	0.002	0.052		3013
280.00	0.048	0.002	0.046		2768
282.00	0.042	0.002	0.040		2550
284.00	0.036	0.002	0.034		2354
286.00	0.032	0.002	0.030		2175
288.00	0.028	0.002	0.026		2010
290.00	0.024	0.002	0.022		1856
292.00	0.022	0.002	0.020		1710
294.00	0.020	0.002	0.018		1571
296.00	0.019	0.002	0.017		1440
298.00	0.019	0.002	0.017		1315
300.00	0.020	0.002	0.018		1199
302.00	0.020	0.002	0.018		1091
304.00	0.021	0.002	0.019		991
306.00	0.021	0.002	0.019		901
308.00	0.022	0.002	0.020		820
310.00	0.021	0.002	0.019		749
312.00	0.021	0.002	0.019		686
314.00	0.021	0.002	0.019		632
316.00	0.020	0.002	0.018		585
318.00	0.019	0.002	0.017		544
320.00	0.018	0.002	0.016		507
322.00	0.017	0.002	0.015		475
324.00	0.016	0.002	0.014		446
326.00	0.015	0.002	0.013		419
328.00	0.014	0.002	0.012		394

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
THUNDERSTORM PMP AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:41:49

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
330.00	0.013	0.002	0.011		370
332.00	0.012	0.002	0.010		348
334.00	0.012	0.002	0.010		328
336.00	0.011	0.002	0.009		310
338.00	0.010	0.002	0.008		293
340.00	0.010	0.002	0.008		277
342.00	0.009	0.002	0.007		262
344.00	0.008	0.002	0.006		248
346.00	0.008	0.002	0.006		234
348.00	0.007	0.002	0.005		221
350.00	0.007	0.002	0.005		208
352.00	0.006	0.002	0.004		195
354.00	0.006	0.002	0.004		184
356.00	0.006	0.002	0.004		172
358.00	0.005	0.002	0.003		160
360.00	0.005	0.002	0.003		150
362.00					139
364.00					129
366.00					119
368.00					108
370.00					98
372.00					88
374.00					78
376.00					67
378.00					58
380.00					51
382.00					45
384.00					39
386.00					34
388.00					30
390.00					26
392.00					23
394.00					20
396.00					17
398.00					15
400.00					13
402.00					11
404.00					9
406.00					8
408.00					7
410.00					6

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
THUNDERSTORM PMP AT TWO MIN. UNIT DURATION
KLB 02-21-1986 09:41:49

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
412.00					5
414.00					4
416.00					4
418.00					3
420.00					2
422.00					2
424.00					2
426.00					1
428.00					1
430.00					1
432.00					1
434.00					1
436.00					0
438.00					0
440.00					0
442.00					0
444.00					0
446.00					0
448.00					0

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 25
VersNo= 751.3 Page 1

COMBINE FINISHED TUFF PILE E + W DRAINAGES

KLB 02-28-1986 13:22:35

FLOOD HYDROGRAPH VOLUME= 300396 CFS * 0.03 HRS
OR 828 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTG1	INTER-VENING cfs)(NEVTG2	)(	)(	)(	COMBINED cfs)
2	0.0	0.0				0.0
4	0.0	0.0				0.0
6	0.0	0.0				0.0
8	0.0	0.0				0.0
10	0.0	0.0				0.0
12	0.0	0.0				0.0
14	0.0	0.0				0.0
16	0.0	0.0				0.0
18	0.0	0.0				0.0
20	0.0	0.0				0.0
22	0.0	0.0				0.0
24	0.0	0.0				0.0
26	0.0	0.0				0.0
28	0.0	0.0				0.0
30	0.0	0.0				0.0
32	0.0	0.0				0.0
34	0.0	0.0				0.0
36	0.0	0.0				0.0
38	0.0	0.0				0.0
40	0.0	0.0				0.0
42	0.0	0.0				0.0
44	0.0	0.0				0.0
46	0.0	0.0				0.0
48	0.0	0.0				0.0
50	0.0	0.0				0.0
52	0.0	0.0				0.0
54	0.0	0.0				0.0
56	0.0	0.0				0.0
58	0.0	0.0				0.0
60	0.0	0.0				0.0
62	0.0	0.0				0.0
64	0.0	0.0				0.0
66	0.0	0.0				0.0
68	0.0	0.0				0.0
70	0.0	0.0				0.0
72	0.0	0.0				0.0
74	0.0	0.0				0.0
76	0.0	0.0				0.0
78	0.0	0.0				0.0
80	0.0	0.0				0.0

COMBINE FINISHED TUFF PILE E + W DRAINAGES

KLB 02-28-1986 13:22:35

FLOOD HYDROGRAPH VOLUME= 300396 CFS * 0.03 HRS
OR 828 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTG1	INTER-VENING cfs)(NEVTG2	)(	)(	)(	COMBINED cfs)
82	0.0	0.0				0.0
84	0.0	0.0				0.0
86	0.0	0.0				0.0
88	0.0	0.0				0.0
90	0.0	0.0				0.0
92	0.0	0.0				0.0
94	0.0	0.0				0.0
96	0.0	0.0				0.0
98	0.0	0.0				0.0
100	0.0	0.0				0.0
102	0.0	0.0				0.0
104	0.0	0.0				0.0
106	0.0	0.0				0.0
108	0.0	0.0				0.0
110	0.0	0.0				0.0
112	0.0	0.0				0.0
114	0.0	0.0				0.0
116	0.0	0.0				0.0
118	0.0	0.0				0.0
120	0.0	0.0				0.0
122	0.0	0.0				0.0
124	0.0	0.0				0.0
126	0.0	0.0				0.0
128	0.0	0.0				0.0
130	0.0	0.0				0.0
132	0.0	0.0				0.0
134	0.0	0.0				0.0
136	0.0	0.0				0.0
138	4.6	4.0				8.6
140	15.6	10.6				26.1
142	34.5	21.3				55.8
144	63.2	38.1				101.3
146	87.8	61.7				149.5
148	108.5	90.4				198.9
150	129.2	124.5				253.7
152	148.7	172.1				320.8
154	167.9	213.1				381.0
156	186.9	250.8				437.6
158	205.8	288.8				494.6
160	225.0	327.5				552.5

COMBINE FINISHED TUFF PILE E + W DRAINAGES

KLB 02-28-1986 13:22:35

FLOOD HYDROGRAPH VOLUME= 300396 CFS * 0.03 HRS
OR 828 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTG1	INTER-VENING cfs)(NEVTG2	)(	)(	)(	COMBINED cfs)
162	244.8	368.1				612.9
164	264.7	409.5				674.2
166	285.1	452.0				737.1
168	305.1	494.8				799.8
170	324.6	538.5				863.1
172	342.6	581.7				924.3
174	359.0	624.8				983.8
176	373.6	666.0				1039.6
178	386.6	706.0				1092.7
180	397.3	743.2				1140.5
182	405.6	777.4				1183.0
184	411.7	807.9				1219.6
186	415.6	835.6				1251.2
188	417.0	859.2				1276.2
190	415.7	878.3				1294.0
192	412.1	892.8				1305.0
194	406.4	903.4				1309.7
196	398.1	909.0				1307.1
198	387.0	909.2				1296.1
200	373.8	904.4				1278.2
202	358.1	895.1				1253.1
204	343.4	883.1				1226.4
206	332.1	868.3				1200.4
208	331.6	857.5				1189.1
210	346.5	851.0				1197.6
212	381.1	859.5				1240.5
214	439.1	884.4				1323.5
216	521.6	939.1				1460.7
218	633.0	1027.7				1660.7
220	772.3	1158.3				1930.7
222	943.3	1335.4				2278.8
224	1143.6	1561.3				2705.0
226	1378.4	1843.7				3222.1
228	1643.7	2181.5				3825.2
230	1945.4	2583.4				4528.8
232	2277.7	3044.8				5322.6
234	2647.5	3577.5				6225.0
236	3047.8	4173.3				7221.0
238	3487.1	4846.3				8333.3
240	3942.9	5572.0				9514.9

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 25
VersNo= 751.3 Page 4

COMBINE FINISHED TUFF PILE E + W DRAINAGES

KLB 02-28-1986 13:22:35

FLOOD HYDROGRAPH VOLUME= 300396 CFS * 0.03 HRS
OR 828 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTG1	INTER-VENING cfs)(NEVTG2	)(	)(	)(	COMBINED cfs)
242	4367.6	6326.7				10694.3
244	4667.6	7053.8				11721.5
246	4771.2	7738.0				12509.2
248	4610.4	8287.4				12897.8
250	4278.4	8681.0				12959.4
252	3857.2	8853.2				12710.3
254	3383.9	8798.2				12182.2
256	2897.6	8425.6				11323.2
258	2431.7	7885.8				10317.5
260	2012.2	7275.4				9287.6
262	1656.8	6644.1				8300.8
264	1372.6	6018.4				7391.0
266	1156.6	5421.8				6578.4
268	993.9	4874.0				5867.9
270	868.9	4385.6				5254.5
272	771.5	3961.3				4732.8
274	694.5	3599.4				4294.0
276	631.2	3287.7				3918.9
278	577.2	3012.6				3589.9
280	528.5	2768.3				3296.8
282	483.1	2550.3				3033.4
284	439.1	2353.9				2793.0
286	396.6	2175.3				2571.9
288	355.9	2010.4				2366.3
290	318.7	1856.2				2175.0
292	285.5	1710.3				1995.9
294	255.7	1571.4				1827.2
296	229.3	1439.6				1668.9
298	207.1	1314.9				1522.0
300	188.8	1198.8				1387.7
302	174.5	1090.7				1265.2
304	164.1	991.0				1155.1
306	156.8	900.8				1057.6
308	151.6	820.1				971.7
310	148.0	748.5				896.5
312	145.2	686.3				831.5
314	143.1	632.3				775.3
316	140.6	584.9				725.5
318	138.1	543.7				681.8
320	135.3	507.4				642.7

COMBINE FINISHED TUFF PILE E + W DRAINAGES

KLB 02-28-1986 13:22:35

FLOOD HYDROGRAPH VOLUME= 300396 CFS * 0.03 HRS
OR 828 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTG1	INTER-VENING cfs)(NEVTG2	)(	)(	)(	COMBINED cfs)
322	131.5	475.4				606.9
324	127.1	446.0				573.1
326	122.2	419.1				541.3
328	117.0	394.2				511.2
330	111.4	369.9				481.3
332	105.6	348.0				453.6
334	99.8	328.2				427.9
336	94.0	309.9				404.0
338	88.5	292.9				381.4
340	83.5	277.0				360.4
342	78.3	262.0				340.2
344	73.1	247.5				320.6
346	68.3	233.8				302.2
348	63.4	221.1				284.4
350	58.6	208.2				266.8
352	54.2	195.5				249.7
354	49.9	183.6				233.5
356	46.1	171.9				217.9
358	42.3	160.4				202.8
360	39.1	150.0				189.1
362	35.4	139.3				174.7
364	30.8	129.1				160.0
366	25.8	118.6				144.4
368	20.1	108.4				128.5
370	15.6	98.2				113.8
372	12.3	87.7				100.0
374	9.6	77.7				87.3
376	7.4	66.9				74.4
378	5.8	58.3				64.1
380	4.4	51.2				55.6
382	3.4	45.0				48.4
384	2.6	39.4				42.1
386	2.0	34.5				36.5
388	1.5	30.0				31.6
390	1.1	26.1				27.3
392	0.8	22.7				23.5
394	0.6	19.7				20.3
396	0.4	17.1				17.5
398	0.3	14.8				15.0
400	0.2	12.8				12.9

COMBINE FINISHED TUFF PILE E + W DRAINAGES

KLB 02-28-1986 13:22:35

FLOOD HYDROGRAPH VOLUME= 300396 CFS * 0.03 HRS
OR 828 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVTG1	INTER-VENING cfs)(NEVTG2	)(	)(	)(	COMBINED cfs)
402	0.1	11.0				11.1
404	0.0	9.5				9.5
406	0.0	8.1				8.2
408		7.0				7.0
410		6.0				6.0
412		5.1				5.1
414		4.3				4.3
416		3.6				3.6
418		3.0				3.0
420		2.5				2.5
422		2.0				2.0
424		1.7				1.7
426		1.3				1.3
428		1.1				1.1
430		0.8				0.8
432		0.7				0.7
434		0.5				0.5
436		0.4				0.4
438		0.3				0.3
440		0.2				0.2
442		0.1				0.1
444		0.1				0.1
446		0.1				0.1
448		0.0				0.0

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

BASIN DATA

Basin Area= .09 square miles
Lag Time= .14 hours

LOSS DATA

Initial Loss= 0 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 14 hrs
Unit Duration= 1 min

VOLUME

Volume of Dgraph= 2388
Volume of Ugraph= .9951 in
Total Rainfall= 8.100006 in
Total Rainfall Excess= 7.26 in

Volume of Fgraph= 25661 cfs- 1.666667E-02 hr
or 35 ac-ft
or 7.369 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.00	0.004	0.001	0.003	46	0.1
2.00	0.004	0.001	0.003	77	0.4
3.00	0.004	0.001	0.003	128	0.8
4.00	0.004	0.001	0.003	198	1.4
5.00	0.004	0.001	0.003	249	2.2
6.00	0.004	0.001	0.003	280	3.1
7.00	0.004	0.001	0.003	412	4.4
8.00	0.004	0.001	0.003	304	5.4
9.00	0.004	0.001	0.003	229	6.1
10.00	0.004	0.001	0.003	195	6.7
11.00	0.004	0.001	0.003	179	7.3
12.00	0.004	0.001	0.003	160	7.8
13.00	0.004	0.001	0.003	139	8.2
14.00	0.004	0.001	0.003	121	8.6
15.00	0.004	0.001	0.003	104	8.9
16.00	0.004	0.001	0.003	90	9.2
17.00	0.004	0.001	0.003	77	9.5
18.00	0.004	0.001	0.003	66	9.7
19.00	0.004	0.001	0.003	57	9.9
20.00	0.004	0.001	0.003	49	10.0
21.00	0.004	0.001	0.003	42	10.1
22.00	0.004	0.001	0.003	37	10.3
23.00	0.004	0.001	0.003	33	10.4
24.00	0.004	0.001	0.003	29	10.5
25.00	0.004	0.001	0.003	26	10.5
26.00	0.004	0.001	0.003	23	10.6
27.00	0.004	0.001	0.003	20	10.7
28.00	0.004	0.001	0.003	17	10.7
29.00	0.004	0.001	0.003	15	10.8
30.00	0.004	0.001	0.003	13	10.8
31.00	0.004	0.001	0.003	11	10.9
32.00	0.004	0.001	0.003	9	10.9
33.00	0.004	0.001	0.003	7	10.9
34.00	0.004	0.001	0.003	6	10.9
35.00	0.004	0.001	0.003	5	10.9
36.00	0.004	0.001	0.003	4	11.0
37.00	0.004	0.001	0.003	3	11.0
38.00	0.004	0.001	0.003	2	11.0
39.00	0.004	0.001	0.003	2	11.0
40.00	0.004	0.001	0.003	2	11.0
41.00	0.004	0.001	0.003		11.0

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
42.00	0.004	0.001	0.003		11.0
43.00	0.004	0.001	0.003		11.0
44.00	0.004	0.001	0.003		11.0
45.00	0.004	0.001	0.003		11.0
46.00	0.004	0.001	0.003		11.0
47.00	0.004	0.001	0.003		11.0
48.00	0.004	0.001	0.003		11.0
49.00	0.004	0.001	0.003		11.0
50.00	0.004	0.001	0.003		11.0
51.00	0.004	0.001	0.003		11.0
52.00	0.004	0.001	0.003		11.0
53.00	0.004	0.001	0.003		11.0
54.00	0.004	0.001	0.003		11.0
55.00	0.004	0.001	0.003		11.0
56.00	0.004	0.001	0.003		11.0
57.00	0.004	0.001	0.003		11.0
58.00	0.004	0.001	0.003		11.0
59.00	0.004	0.001	0.003		11.0
60.00	0.004	0.001	0.003		11.0
61.00	0.004	0.001	0.003		11.0
62.00	0.004	0.001	0.003		11.0
63.00	0.004	0.001	0.003		11.0
64.00	0.004	0.001	0.003		11.0
65.00	0.004	0.001	0.003		11.0
66.00	0.004	0.001	0.003		11.0
67.00	0.004	0.001	0.003		11.0
68.00	0.004	0.001	0.003		11.0
69.00	0.004	0.001	0.003		11.0
70.00	0.004	0.001	0.003		11.0
71.00	0.004	0.001	0.003		11.0
72.00	0.004	0.001	0.003		11.0
73.00	0.004	0.001	0.003		11.0
74.00	0.004	0.001	0.003		11.0
75.00	0.004	0.001	0.003		11.0
76.00	0.004	0.001	0.003		11.0
77.00	0.004	0.001	0.003		11.0
78.00	0.004	0.001	0.003		11.0
79.00	0.004	0.001	0.003		11.0
80.00	0.004	0.001	0.003		11.0
81.00	0.004	0.001	0.003		11.0
82.00	0.004	0.001	0.003		11.0

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
83.00	0.004	0.001	0.003		11.0
84.00	0.004	0.001	0.003		11.0
85.00	0.004	0.001	0.003		11.0
86.00	0.004	0.001	0.003		11.0
87.00	0.004	0.001	0.003		11.0
88.00	0.004	0.001	0.003		11.0
89.00	0.004	0.001	0.003		11.0
90.00	0.004	0.001	0.003		11.0
91.00	0.004	0.001	0.003		11.0
92.00	0.004	0.001	0.003		11.0
93.00	0.004	0.001	0.003		11.0
94.00	0.005	0.001	0.004		11.0
95.00	0.005	0.001	0.004		11.1
96.00	0.005	0.001	0.004		11.2
97.00	0.005	0.001	0.004		11.4
98.00	0.005	0.001	0.004		11.7
99.00	0.005	0.001	0.004		12.0
100.00	0.005	0.001	0.004		12.4
101.00	0.005	0.001	0.004		12.7
102.00	0.005	0.001	0.004		12.9
103.00	0.005	0.001	0.004		13.1
104.00	0.005	0.001	0.004		13.3
105.00	0.005	0.001	0.004		13.4
106.00	0.005	0.001	0.004		13.6
107.00	0.005	0.001	0.004		13.7
108.00	0.005	0.001	0.004		13.8
109.00	0.005	0.001	0.004		13.9
110.00	0.005	0.001	0.004		14.0
111.00	0.005	0.001	0.004		14.0
112.00	0.005	0.001	0.004		14.1
113.00	0.005	0.001	0.004		14.1
114.00	0.005	0.001	0.004		14.2
115.00	0.005	0.001	0.004		14.2
116.00	0.005	0.001	0.004		14.3
117.00	0.005	0.001	0.004		14.3
118.00	0.005	0.001	0.004		14.3
119.00	0.005	0.001	0.004		14.3
120.00	0.005	0.001	0.004		14.4
121.00	0.005	0.001	0.004		14.4
122.00	0.005	0.001	0.004		14.4
123.00	0.005	0.001	0.004		14.4

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
124.00	0.005	0.001	0.004		14.4
125.00	0.005	0.001	0.004		14.4
126.00	0.005	0.001	0.004		14.4
127.00	0.005	0.001	0.004		14.4
128.00	0.005	0.001	0.004		14.4
129.00	0.005	0.001	0.004		14.4
130.00	0.005	0.001	0.004		14.4
131.00	0.005	0.001	0.004		14.4
132.00	0.005	0.001	0.004		14.4
133.00	0.005	0.001	0.004		14.4
134.00	0.005	0.001	0.004		14.4
135.00	0.005	0.001	0.004		14.4
136.00	0.005	0.001	0.004		14.4
137.00	0.005	0.001	0.004		14.4
138.00	0.005	0.001	0.004		14.4
139.00	0.005	0.001	0.004		14.4
140.00	0.005	0.001	0.004		14.4
141.00	0.005	0.001	0.004		14.4
142.00	0.005	0.001	0.004		14.4
143.00	0.005	0.001	0.004		14.4
144.00	0.005	0.001	0.004		14.4
145.00	0.005	0.001	0.004		14.4
146.00	0.005	0.001	0.004		14.4
147.00	0.005	0.001	0.004		14.4
148.00	0.005	0.001	0.004		14.4
149.00	0.005	0.001	0.004		14.4
150.00	0.005	0.001	0.004		14.4
151.00	0.005	0.001	0.004		14.4
152.00	0.005	0.001	0.004		14.4
153.00	0.005	0.001	0.004		14.4
154.00	0.005	0.001	0.004		14.4
155.00	0.005	0.001	0.004		14.4
156.00	0.005	0.001	0.004		14.4
157.00	0.005	0.001	0.004		14.4
158.00	0.005	0.001	0.004		14.4
159.00	0.005	0.001	0.004		14.4
160.00	0.005	0.001	0.004		14.4
161.00	0.005	0.001	0.004		14.4
162.00	0.005	0.001	0.004		14.4
163.00	0.005	0.001	0.004		14.4
164.00	0.005	0.001	0.004		14.4

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
165.00	0.005	0.001	0.004		14.4
166.00	0.005	0.001	0.004		14.4
167.00	0.005	0.001	0.004		14.4
168.00	0.005	0.001	0.004		14.4
169.00	0.005	0.001	0.004		14.4
170.00	0.005	0.001	0.004		14.4
171.00	0.005	0.001	0.004		14.4
172.00	0.005	0.001	0.004		14.4
173.00	0.005	0.001	0.004		14.4
174.00	0.005	0.001	0.004		14.4
175.00	0.005	0.001	0.004		14.4
176.00	0.005	0.001	0.004		14.4
177.00	0.005	0.001	0.004		14.4
178.00	0.005	0.001	0.004		14.4
179.00	0.005	0.001	0.004		14.4
180.00	0.005	0.001	0.004		14.4
181.00	0.005	0.001	0.004		14.4
182.00	0.005	0.001	0.004		14.4
183.00	0.005	0.001	0.004		14.4
184.00	0.005	0.001	0.004		14.4
185.00	0.005	0.001	0.004		14.4
186.00	0.005	0.001	0.004		14.4
187.00	0.005	0.001	0.004		14.4
188.00	0.005	0.001	0.004		14.4
189.00	0.005	0.001	0.004		14.4
190.00	0.005	0.001	0.004		14.4
191.00	0.005	0.001	0.004		14.4
192.00	0.005	0.001	0.004		14.4
193.00	0.005	0.001	0.004		14.4
194.00	0.005	0.001	0.004		14.4
195.00	0.005	0.001	0.004		14.4
196.00	0.005	0.001	0.004		14.4
197.00	0.005	0.001	0.004		14.4
198.00	0.005	0.001	0.004		14.4
199.00	0.005	0.001	0.004		14.4
200.00	0.005	0.001	0.004		14.4
201.00	0.005	0.001	0.004		14.4
202.00	0.005	0.001	0.004		14.4
203.00	0.005	0.001	0.004		14.4
204.00	0.005	0.001	0.004		14.4
205.00	0.005	0.001	0.004		14.4

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
206.00	0.006	0.001	0.005		14.5
207.00	0.006	0.001	0.005		14.6
208.00	0.006	0.001	0.005		14.7
209.00	0.006	0.001	0.005		14.9
210.00	0.006	0.001	0.005		15.1
211.00	0.006	0.001	0.005		15.4
212.00	0.006	0.001	0.005		15.8
213.00	0.006	0.001	0.005		16.1
214.00	0.006	0.001	0.005		16.4
215.00	0.006	0.001	0.005		16.6
216.00	0.006	0.001	0.005		16.7
217.00	0.006	0.001	0.005		16.9
218.00	0.006	0.001	0.005		17.0
219.00	0.006	0.001	0.005		17.2
220.00	0.006	0.001	0.005		17.3
221.00	0.006	0.001	0.005		17.4
222.00	0.006	0.001	0.005		17.4
223.00	0.006	0.001	0.005		17.5
224.00	0.006	0.001	0.005		17.6
225.00	0.006	0.001	0.005		17.6
226.00	0.006	0.001	0.005		17.7
227.00	0.006	0.001	0.005		17.7
228.00	0.006	0.001	0.005		17.7
229.00	0.006	0.001	0.005		17.8
230.00	0.006	0.001	0.005		17.8
231.00	0.006	0.001	0.005		17.8
232.00	0.006	0.001	0.005		17.8
233.00	0.006	0.001	0.005		17.8
234.00	0.006	0.001	0.005		17.9
235.00	0.006	0.001	0.005		17.9
236.00	0.006	0.001	0.005		17.9
237.00	0.006	0.001	0.005		17.9
238.00	0.006	0.001	0.005		17.9
239.00	0.006	0.001	0.005		17.9
240.00	0.006	0.001	0.005		17.9
241.00	0.006	0.001	0.005		17.9
242.00	0.006	0.001	0.005		17.9
243.00	0.006	0.001	0.005		17.9
244.00	0.006	0.001	0.005		17.9
245.00	0.006	0.001	0.005		17.9
246.00	0.006	0.001	0.005		17.9

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
247.00	0.006	0.001	0.005		17.9
248.00	0.006	0.001	0.005		17.9
249.00	0.006	0.001	0.005		17.9
250.00	0.006	0.001	0.005		17.9
251.00	0.006	0.001	0.005		17.9
252.00	0.006	0.001	0.005		17.9
253.00	0.006	0.001	0.005		17.9
254.00	0.006	0.001	0.005		17.9
255.00	0.006	0.001	0.005		17.9
256.00	0.006	0.001	0.005		17.9
257.00	0.006	0.001	0.005		17.9
258.00	0.006	0.001	0.005		17.9
259.00	0.006	0.001	0.005		17.9
260.00	0.006	0.001	0.005		17.9
261.00	0.006	0.001	0.005		17.9
262.00	0.006	0.001	0.005		17.9
263.00	0.006	0.001	0.005		17.9
264.00	0.006	0.001	0.005		17.9
265.00	0.006	0.001	0.005		17.9
266.00	0.006	0.001	0.005		17.9
267.00	0.006	0.001	0.005		17.9
268.00	0.006	0.001	0.005		17.9
269.00	0.006	0.001	0.005		17.9
270.00	0.006	0.001	0.005		17.9
271.00	0.006	0.001	0.005		17.9
272.00	0.006	0.001	0.005		17.9
273.00	0.006	0.001	0.005		17.9
274.00	0.006	0.001	0.005		17.9
275.00	0.006	0.001	0.005		17.9
276.00	0.006	0.001	0.005		17.9
277.00	0.006	0.001	0.005		17.9
278.00	0.006	0.001	0.005		17.9
279.00	0.006	0.001	0.005		17.9
280.00	0.006	0.001	0.005		17.9
281.00	0.006	0.001	0.005		17.9
282.00	0.006	0.001	0.005		17.9
283.00	0.006	0.001	0.005		17.9
284.00	0.006	0.001	0.005		17.9
285.00	0.006	0.001	0.005		17.9
286.00	0.006	0.001	0.005		17.9
287.00	0.006	0.001	0.005		17.9

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
288.00	0.006	0.001	0.005		17.9
289.00	0.006	0.001	0.005		17.9
290.00	0.006	0.001	0.005		17.9
291.00	0.006	0.001	0.005		17.9
292.00	0.006	0.001	0.005		17.9
293.00	0.006	0.001	0.005		17.9
294.00	0.006	0.001	0.005		17.9
295.00	0.006	0.001	0.005		17.9
296.00	0.006	0.001	0.005		17.9
297.00	0.006	0.001	0.005		17.9
298.00	0.006	0.001	0.005		17.9
299.00	0.006	0.001	0.005		17.9
300.00	0.006	0.001	0.005		17.9
301.00	0.006	0.001	0.005		17.9
302.00	0.006	0.001	0.005		17.9
303.00	0.006	0.001	0.005		17.9
304.00	0.006	0.001	0.005		17.9
305.00	0.006	0.001	0.005		17.9
306.00	0.006	0.001	0.005		17.9
307.00	0.006	0.001	0.005		17.9
308.00	0.006	0.001	0.005		17.9
309.00	0.006	0.001	0.005		17.9
310.00	0.006	0.001	0.005		17.9
311.00	0.006	0.001	0.005		17.9
312.00	0.006	0.001	0.005		17.9
313.00	0.006	0.001	0.005		17.9
314.00	0.006	0.001	0.005		17.9
315.00	0.006	0.001	0.005		17.9
316.00	0.006	0.001	0.005		17.9
317.00	0.006	0.001	0.005		17.9
318.00	0.006	0.001	0.005		17.9
319.00	0.006	0.001	0.005		17.9
320.00	0.006	0.001	0.005		17.9
321.00	0.006	0.001	0.005		17.9
322.00	0.006	0.001	0.005		17.9
323.00	0.006	0.001	0.005		17.9
324.00	0.006	0.001	0.005		17.9
325.00	0.006	0.001	0.005		17.9
326.00	0.006	0.001	0.005		17.9
327.00	0.006	0.001	0.005		17.9
328.00	0.006	0.001	0.005		17.9

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
329.00	0.006	0.001	0.005		17.9
330.00	0.006	0.001	0.005		17.9
331.00	0.006	0.001	0.005		17.9
332.00	0.006	0.001	0.005		17.9
333.00	0.006	0.001	0.005		17.9
334.00	0.006	0.001	0.005		17.9
335.00	0.006	0.001	0.005		17.9
336.00	0.006	0.001	0.005		17.9
337.00	0.006	0.001	0.005		17.9
338.00	0.006	0.001	0.005		17.9
339.00	0.006	0.001	0.005		17.9
340.00	0.006	0.001	0.005		17.9
341.00	0.007	0.001	0.006		18.0
342.00	0.007	0.001	0.006		18.0
343.00	0.007	0.001	0.006		18.2
344.00	0.007	0.001	0.006		18.4
345.00	0.007	0.001	0.006		18.6
346.00	0.007	0.001	0.006		18.9
347.00	0.007	0.001	0.006		19.3
348.00	0.007	0.001	0.006		19.6
349.00	0.007	0.001	0.006		19.8
350.00	0.007	0.001	0.006		20.0
351.00	0.007	0.001	0.006		20.2
352.00	0.007	0.001	0.006		20.4
353.00	0.007	0.001	0.006		20.5
354.00	0.007	0.001	0.006		20.6
355.00	0.007	0.001	0.006		20.7
356.00	0.007	0.001	0.006		20.8
357.00	0.007	0.001	0.006		20.9
358.00	0.007	0.001	0.006		21.0
359.00	0.007	0.001	0.006		21.0
360.00	0.007	0.001	0.006		21.1
361.00	0.007	0.001	0.006		21.1
362.00	0.007	0.001	0.006		21.2
363.00	0.007	0.001	0.006		21.2
364.00	0.007	0.001	0.006		21.2
365.00	0.007	0.001	0.006		21.2
366.00	0.007	0.001	0.006		21.3
367.00	0.007	0.001	0.006		21.3
368.00	0.007	0.001	0.006		21.3
369.00	0.007	0.001	0.006		21.3

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
370.00	0.007	0.001	0.006		21.3
371.00	0.007	0.001	0.006		21.3
372.00	0.007	0.001	0.006		21.4
373.00	0.007	0.001	0.006		21.4
374.00	0.007	0.001	0.006		21.4
375.00	0.007	0.001	0.006		21.4
376.00	0.007	0.001	0.006		21.4
377.00	0.007	0.001	0.006		21.4
378.00	0.007	0.001	0.006		21.4
379.00	0.007	0.001	0.006		21.4
380.00	0.007	0.001	0.006		21.4
381.00	0.007	0.001	0.006		21.4
382.00	0.007	0.001	0.006		21.4
383.00	0.007	0.001	0.006		21.4
384.00	0.007	0.001	0.006		21.4
385.00	0.007	0.001	0.006		21.4
386.00	0.007	0.001	0.006		21.4
387.00	0.007	0.001	0.006		21.4
388.00	0.007	0.001	0.006		21.4
389.00	0.007	0.001	0.006		21.4
390.00	0.007	0.001	0.006		21.4
391.00	0.007	0.001	0.006		21.4
392.00	0.007	0.001	0.006		21.4
393.00	0.007	0.001	0.006		21.4
394.00	0.007	0.001	0.006		21.4
395.00	0.007	0.001	0.006		21.4
396.00	0.007	0.001	0.006		21.4
397.00	0.007	0.001	0.006		21.4
398.00	0.007	0.001	0.006		21.4
399.00	0.007	0.001	0.006		21.4
400.00	0.007	0.001	0.006		21.4
401.00	0.007	0.001	0.006		21.4
402.00	0.007	0.001	0.006		21.4
403.00	0.007	0.001	0.006		21.4
404.00	0.007	0.001	0.006		21.4
405.00	0.007	0.001	0.006		21.4
406.00	0.007	0.001	0.006		21.4
407.00	0.008	0.001	0.007		21.4
408.00	0.008	0.001	0.007		21.5
409.00	0.008	0.001	0.007		21.6
410.00	0.008	0.001	0.007		21.8

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
411.00	0.008	0.001	0.007		22.1
412.00	0.008	0.001	0.007		22.4
413.00	0.008	0.001	0.007		22.8
414.00	0.008	0.001	0.007		23.1
415.00	0.008	0.001	0.007		23.3
416.00	0.008	0.001	0.007		23.5
417.00	0.008	0.001	0.007		23.7
418.00	0.008	0.001	0.007		23.8
419.00	0.008	0.001	0.007		24.0
420.00	0.008	0.001	0.007		24.1
421.00	0.008	0.001	0.007		24.2
422.00	0.008	0.001	0.007		24.3
423.00	0.008	0.001	0.007		24.4
424.00	0.009	0.001	0.008		24.5
425.00	0.009	0.001	0.008		24.6
426.00	0.009	0.001	0.008		24.8
427.00	0.009	0.001	0.008		25.0
428.00	0.009	0.001	0.008		25.3
429.00	0.009	0.001	0.008		25.6
430.00	0.009	0.001	0.008		26.1
431.00	0.009	0.001	0.008		26.4
432.00	0.009	0.001	0.008		26.7
433.00	0.009	0.001	0.008		26.9
434.00	0.010	0.001	0.009		27.1
435.00	0.010	0.001	0.009		27.4
436.00	0.010	0.001	0.009		27.6
437.00	0.010	0.001	0.009		28.0
438.00	0.010	0.001	0.009		28.3
439.00	0.010	0.001	0.009		28.7
440.00	0.010	0.001	0.009		29.2
441.00	0.010	0.001	0.009		29.6
442.00	0.011	0.001	0.010		29.9
443.00	0.011	0.001	0.010		30.2
444.00	0.011	0.001	0.010		30.6
445.00	0.011	0.001	0.010		31.0
446.00	0.011	0.001	0.010		31.4
447.00	0.011	0.001	0.010		31.8
448.00	0.011	0.001	0.010		32.4
449.00	0.011	0.001	0.010		32.8
450.00	0.012	0.001	0.011		33.2
451.00	0.012	0.001	0.011		33.5

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
452.00	0.012	0.001	0.011		33.9
453.00	0.012	0.001	0.011		34.3
454.00	0.012	0.001	0.011		34.8
455.00	0.012	0.001	0.011		35.2
456.00	0.013	0.001	0.012		35.8
457.00	0.013	0.001	0.012		36.3
458.00	0.013	0.001	0.012		36.8
459.00	0.013	0.001	0.012		37.3
460.00	0.013	0.001	0.012		37.8
461.00	0.013	0.001	0.012		38.3
462.00	0.014	0.001	0.013		39.0
463.00	0.014	0.001	0.013		39.5
464.00	0.014	0.001	0.013		40.0
465.00	0.014	0.001	0.013		40.5
466.00	0.014	0.001	0.013		41.1
467.00	0.015	0.001	0.014		41.7
468.00	0.015	0.001	0.014		42.4
469.00	0.015	0.001	0.014		43.0
470.00	0.015	0.001	0.014		43.6
471.00	0.015	0.001	0.014		44.2
472.00	0.016	0.001	0.015		44.8
473.00	0.016	0.001	0.015		45.6
474.00	0.016	0.001	0.015		46.2
475.00	0.016	0.001	0.015		46.8
476.00	0.017	0.001	0.016		47.5
477.00	0.017	0.001	0.016		48.2
478.00	0.017	0.001	0.016		49.0
479.00	0.017	0.001	0.016		49.8
480.00	0.017	0.001	0.016		50.5
481.00	0.018	0.001	0.017		51.2
482.00	0.018	0.001	0.017		52.0
483.00	0.018	0.001	0.017		52.7
484.00	0.018	0.001	0.017		53.4
485.00	0.019	0.001	0.018		54.1
486.00	0.019	0.001	0.018		54.9
487.00	0.019	0.001	0.018		55.7
488.00	0.019	0.001	0.018		56.5
489.00	0.020	0.001	0.019		57.3
490.00	0.020	0.001	0.019		58.0
491.00	0.020	0.001	0.019		58.9
492.00	0.020	0.001	0.019		59.8

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
493.00	0.021	0.001	0.020		60.6
494.00	0.021	0.001	0.020		61.3
495.00	0.021	0.001	0.020		62.3
496.00	0.022	0.001	0.021		63.2
497.00	0.022	0.001	0.021		64.0
498.00	0.022	0.001	0.021		64.9
499.00	0.022	0.001	0.021		65.9
500.00	0.023	0.001	0.022		66.8
501.00	0.023	0.001	0.022		67.7
502.00	0.023	0.001	0.022		68.7
503.00	0.023	0.001	0.022		69.6
504.00	0.024	0.001	0.023		70.5
505.00	0.024	0.001	0.023		71.3
506.00	0.024	0.001	0.023		72.3
507.00	0.025	0.001	0.024		73.2
508.00	0.025	0.001	0.024		74.1
509.00	0.025	0.001	0.024		75.0
510.00	0.026	0.001	0.025		76.1
511.00	0.026	0.001	0.025		77.1
512.00	0.026	0.001	0.025		78.1
513.00	0.027	0.001	0.026		79.2
514.00	0.027	0.001	0.026		80.3
515.00	0.027	0.001	0.026		81.3
516.00	0.028	0.001	0.027		82.4
517.00	0.028	0.001	0.027		83.5
518.00	0.028	0.001	0.027		84.6
519.00	0.029	0.001	0.028		85.8
520.00	0.029	0.001	0.028		86.9
521.00	0.029	0.001	0.028		87.9
522.00	0.030	0.001	0.029		89.1
523.00	0.030	0.001	0.029		90.2
524.00	0.030	0.001	0.029		91.3
525.00	0.031	0.001	0.030		92.5
526.00	0.031	0.001	0.030		93.7
527.00	0.031	0.001	0.030		94.7
528.00	0.032	0.001	0.031		96.0
529.00	0.032	0.001	0.031		97.1
530.00	0.033	0.001	0.032		98.2
531.00	0.033	0.001	0.032		99.5
532.00	0.033	0.001	0.032		100.7
533.00	0.034	0.001	0.033		101.9

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
534.00	0.034	0.001	0.033		103.2
535.00	0.034	0.001	0.033		104.4
536.00	0.035	0.001	0.034		105.7
537.00	0.035	0.001	0.034		107.0
538.00	0.036	0.001	0.035		108.1
539.00	0.036	0.001	0.035		109.5
540.00	0.036	0.001	0.035		110.7
541.00	0.037	0.001	0.036		112.0
542.00	0.037	0.001	0.036		113.3
543.00	0.037	0.001	0.036		114.6
544.00	0.038	0.001	0.037		116.0
545.00	0.038	0.001	0.037		117.2
546.00	0.039	0.001	0.038		118.4
547.00	0.039	0.001	0.038		119.8
548.00	0.040	0.001	0.039		121.1
549.00	0.040	0.001	0.039		122.4
550.00	0.040	0.001	0.039		123.8
551.00	0.041	0.001	0.040		125.2
552.00	0.041	0.001	0.040		126.6
553.00	0.042	0.001	0.041		128.0
554.00	0.042	0.001	0.041		129.5
555.00	0.042	0.001	0.041		130.8
556.00	0.043	0.001	0.042		132.2
557.00	0.043	0.001	0.042		133.6
558.00	0.044	0.001	0.043		135.0
559.00	0.044	0.001	0.043		136.4
560.00	0.045	0.001	0.044		137.8
561.00	0.044	0.001	0.043		139.2
562.00	0.043	0.001	0.042		140.5
563.00	0.042	0.001	0.041		141.7
564.00	0.041	0.001	0.040		142.7
565.00	0.040	0.001	0.039		143.2
566.00	0.039	0.001	0.038		143.5
567.00	0.039	0.001	0.038		143.1
568.00	0.038	0.001	0.037		142.3
569.00	0.037	0.001	0.036		141.3
570.00	0.036	0.001	0.035		140.0
571.00	0.035	0.001	0.034		138.5
572.00	0.035	0.001	0.034		136.9
573.00	0.034	0.001	0.033		135.2
574.00	0.033	0.001	0.032		133.3

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
575.00	0.032	0.001	0.031		131.2
576.00	0.032	0.001	0.031		129.0
577.00	0.031	0.001	0.030		126.8
578.00	0.030	0.001	0.029		124.6
579.00	0.029	0.001	0.028		122.3
580.00	0.029	0.001	0.028		120.0
581.00	0.028	0.001	0.027		117.6
582.00	0.027	0.001	0.026		115.2
583.00	0.027	0.001	0.026		112.8
584.00	0.026	0.001	0.025		110.4
585.00	0.025	0.001	0.024		107.9
586.00	0.025	0.001	0.024		105.6
587.00	0.024	0.001	0.023		103.2
588.00	0.024	0.001	0.023		100.8
589.00	0.023	0.001	0.022		98.5
590.00	0.022	0.001	0.021		96.2
591.00	0.022	0.001	0.021		93.8
592.00	0.021	0.001	0.020		91.6
593.00	0.021	0.001	0.020		89.4
594.00	0.020	0.001	0.019		87.2
595.00	0.020	0.001	0.019		85.0
596.00	0.019	0.001	0.018		82.8
597.00	0.019	0.001	0.018		80.8
598.00	0.018	0.001	0.017		78.7
599.00	0.018	0.001	0.017		76.8
600.00	0.017	0.001	0.016		74.8
601.00	0.017	0.001	0.016		72.9
602.00	0.016	0.001	0.015		70.9
603.00	0.016	0.001	0.015		69.1
604.00	0.016	0.001	0.015		67.2
605.00	0.015	0.001	0.014		65.5
606.00	0.015	0.001	0.014		63.7
607.00	0.014	0.001	0.013		62.1
608.00	0.014	0.001	0.013		60.3
609.00	0.014	0.001	0.013		58.8
610.00	0.013	0.001	0.012		57.3
611.00	0.013	0.001	0.012		55.7
612.00	0.012	0.001	0.011		54.1
613.00	0.012	0.001	0.011		52.6
614.00	0.012	0.001	0.011		51.1
615.00	0.012	0.001	0.011		49.8

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
616.00	0.011	0.001	0.010		48.3
617.00	0.011	0.001	0.010		46.9
618.00	0.011	0.001	0.010		45.6
619.00	0.010	0.001	0.009		44.3
620.00	0.010	0.001	0.009		43.1
621.00	0.010	0.001	0.009		42.0
622.00	0.010	0.001	0.009		40.7
623.00	0.009	0.001	0.008		39.6
624.00	0.009	0.001	0.008		38.5
625.00	0.009	0.001	0.008		37.4
626.00	0.009	0.001	0.008		36.3
627.00	0.009	0.001	0.008		35.4
628.00	0.009	0.001	0.008		34.5
629.00	0.008	0.001	0.007		33.5
630.00	0.008	0.001	0.007		32.7
631.00	0.008	0.001	0.007		31.9
632.00	0.008	0.001	0.007		31.2
633.00	0.008	0.001	0.007		30.5
634.00	0.008	0.001	0.007		29.8
635.00	0.008	0.001	0.007		29.0
636.00	0.008	0.001	0.007		28.4
637.00	0.007	0.001	0.006		27.9
638.00	0.007	0.001	0.006		27.4
639.00	0.007	0.001	0.006		26.8
640.00	0.007	0.001	0.006		26.3
641.00	0.007	0.001	0.006		25.8
642.00	0.007	0.001	0.006		25.3
643.00	0.007	0.001	0.006		24.6
644.00	0.007	0.001	0.006		24.2
645.00	0.007	0.001	0.006		23.8
646.00	0.007	0.001	0.006		23.4
647.00	0.007	0.001	0.006		23.2
648.00	0.007	0.001	0.006		22.9
649.00	0.007	0.001	0.006		22.7
650.00	0.007	0.001	0.006		22.5
651.00	0.007	0.001	0.006		22.3
652.00	0.007	0.001	0.006		22.2
653.00	0.007	0.001	0.006		22.1
654.00	0.007	0.001	0.006		22.0
655.00	0.007	0.001	0.006		21.9
656.00	0.007	0.001	0.006		21.8

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
657.00	0.007	0.001	0.006		21.7
658.00	0.007	0.001	0.006		21.7
659.00	0.007	0.001	0.006		21.6
660.00	0.007	0.001	0.006		21.6
661.00	0.007	0.001	0.006		21.5
662.00	0.007	0.001	0.006		21.5
663.00	0.007	0.001	0.006		21.5
664.00	0.007	0.001	0.006		21.5
665.00	0.007	0.001	0.006		21.5
666.00	0.007	0.001	0.006		21.4
667.00	0.007	0.001	0.006		21.4
668.00	0.007	0.001	0.006		21.4
669.00	0.007	0.001	0.006		21.4
670.00	0.006	0.001	0.005		21.4
671.00	0.006	0.001	0.005		21.3
672.00	0.006	0.001	0.005		21.1
673.00	0.006	0.001	0.005		20.9
674.00	0.006	0.001	0.005		20.7
675.00	0.006	0.001	0.005		20.4
676.00	0.006	0.001	0.005		20.0
677.00	0.006	0.001	0.005		19.7
678.00	0.006	0.001	0.005		19.5
679.00	0.006	0.001	0.005		19.3
680.00	0.006	0.001	0.005		19.1
681.00	0.006	0.001	0.005		18.9
682.00	0.006	0.001	0.005		18.8
683.00	0.006	0.001	0.005		18.7
684.00	0.006	0.001	0.005		18.6
685.00	0.006	0.001	0.005		18.5
686.00	0.006	0.001	0.005		18.4
687.00	0.006	0.001	0.005		18.3
688.00	0.006	0.001	0.005		18.3
689.00	0.006	0.001	0.005		18.2
690.00	0.006	0.001	0.005		18.2
691.00	0.006	0.001	0.005		18.1
692.00	0.006	0.001	0.005		18.1
693.00	0.006	0.001	0.005		18.1
694.00	0.006	0.001	0.005		18.1
695.00	0.006	0.001	0.005		18.0
696.00	0.006	0.001	0.005		18.0
697.00	0.006	0.001	0.005		18.0

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
698.00	0.006	0.001	0.005		18.0
699.00	0.006	0.001	0.005		18.0
700.00	0.006	0.001	0.005		18.0
701.00	0.006	0.001	0.005		17.9
702.00	0.006	0.001	0.005		17.9
703.00	0.006	0.001	0.005		17.9
704.00	0.006	0.001	0.005		17.9
705.00	0.006	0.001	0.005		17.9
706.00	0.006	0.001	0.005		17.9
707.00	0.006	0.001	0.005		17.9
708.00	0.006	0.001	0.005		17.9
709.00	0.006	0.001	0.005		17.9
710.00	0.006	0.001	0.005		17.9
711.00	0.006	0.001	0.005		17.9
712.00	0.006	0.001	0.005		17.9
713.00	0.006	0.001	0.005		17.9
714.00	0.006	0.001	0.005		17.9
715.00	0.006	0.001	0.005		17.9
716.00	0.006	0.001	0.005		17.9
717.00	0.006	0.001	0.005		17.9
718.00	0.006	0.001	0.005		17.9
719.00	0.006	0.001	0.005		17.9
720.00	0.006	0.001	0.005		17.9
721.00	0.006	0.001	0.005		17.9
722.00	0.006	0.001	0.005		17.9
723.00	0.006	0.001	0.005		17.9
724.00	0.006	0.001	0.005		17.9
725.00	0.006	0.001	0.005		17.9
726.00	0.006	0.001	0.005		17.9
727.00	0.006	0.001	0.005		17.9
728.00	0.006	0.001	0.005		17.9
729.00	0.006	0.001	0.005		17.9
730.00	0.006	0.001	0.005		17.9
731.00	0.006	0.001	0.005		17.9
732.00	0.006	0.001	0.005		17.9
733.00	0.006	0.001	0.005		17.9
734.00	0.006	0.001	0.005		17.9
735.00	0.006	0.001	0.005		17.9
736.00	0.006	0.001	0.005		17.9
737.00	0.005	0.001	0.004		17.9
738.00	0.005	0.001	0.004		17.8

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
739.00	0.005	0.001	0.004		17.7
740.00	0.005	0.001	0.004		17.5
741.00	0.005	0.001	0.004		17.2
742.00	0.005	0.001	0.004		16.9
743.00	0.005	0.001	0.004		16.5
744.00	0.005	0.001	0.004		16.2
745.00	0.005	0.001	0.004		16.0
746.00	0.005	0.001	0.004		15.8
747.00	0.005	0.001	0.004		15.6
748.00	0.005	0.001	0.004		15.5
749.00	0.005	0.001	0.004		15.3
750.00	0.005	0.001	0.004		15.2
751.00	0.005	0.001	0.004		15.1
752.00	0.005	0.001	0.004		15.0
753.00	0.005	0.001	0.004		14.9
754.00	0.005	0.001	0.004		14.9
755.00	0.005	0.001	0.004		14.8
756.00	0.005	0.001	0.004		14.8
757.00	0.005	0.001	0.004		14.7
758.00	0.005	0.001	0.004		14.7
759.00	0.005	0.001	0.004		14.6
760.00	0.005	0.001	0.004		14.6
761.00	0.005	0.001	0.004		14.6
762.00	0.005	0.001	0.004		14.6
763.00	0.005	0.001	0.004		14.5
764.00	0.005	0.001	0.004		14.5
765.00	0.005	0.001	0.004		14.5
766.00	0.005	0.001	0.004		14.5
767.00	0.005	0.001	0.004		14.5
768.00	0.005	0.001	0.004		14.5
769.00	0.005	0.001	0.004		14.5
770.00	0.005	0.001	0.004		14.5
771.00	0.005	0.001	0.004		14.5
772.00	0.005	0.001	0.004		14.5
773.00	0.005	0.001	0.004		14.5
774.00	0.005	0.001	0.004		14.5
775.00	0.005	0.001	0.004		14.5
776.00	0.005	0.001	0.004		14.4
777.00	0.005	0.001	0.004		14.4
778.00	0.005	0.001	0.004		14.4
779.00	0.005	0.001	0.004		14.4

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME. min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
780.00	0.005	0.001	0.004		14.4
781.00	0.005	0.001	0.004		14.4
782.00	0.005	0.001	0.004		14.4
783.00	0.005	0.001	0.004		14.4
784.00	0.005	0.001	0.004		14.4
785.00	0.005	0.001	0.004		14.4
786.00	0.005	0.001	0.004		14.4
787.00	0.005	0.001	0.004		14.4
788.00	0.005	0.001	0.004		14.4
789.00	0.005	0.001	0.004		14.4
790.00	0.005	0.001	0.004		14.4
791.00	0.005	0.001	0.004		14.4
792.00	0.005	0.001	0.004		14.4
793.00	0.004	0.001	0.003		14.4
794.00	0.004	0.001	0.003		14.3
795.00	0.004	0.001	0.003		14.2
796.00	0.004	0.001	0.003		14.0
797.00	0.004	0.001	0.003		13.8
798.00	0.004	0.001	0.003		13.5
799.00	0.004	0.001	0.003		13.1
800.00	0.004	0.001	0.003		12.8
801.00	0.004	0.001	0.003		12.5
802.00	0.004	0.001	0.003		12.3
803.00	0.004	0.001	0.003		12.2
804.00	0.004	0.001	0.003		12.0
805.00	0.004	0.001	0.003		11.9
806.00	0.004	0.001	0.003		11.7
807.00	0.004	0.001	0.003		11.6
808.00	0.004	0.001	0.003		11.5
809.00	0.004	0.001	0.003		11.5
810.00	0.004	0.001	0.003		11.4
811.00	0.004	0.001	0.003		11.3
812.00	0.004	0.001	0.003		11.3
813.00	0.004	0.001	0.003		11.2
814.00	0.004	0.001	0.003		11.2
815.00	0.004	0.001	0.003		11.2
816.00	0.004	0.001	0.003		11.1
817.00	0.004	0.001	0.003		11.1
818.00	0.004	0.001	0.003		11.1
819.00	0.004	0.001	0.003		11.1
820.00	0.004	0.001	0.003		11.1

SUMMARY REPORT

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
821.00	0.004	0.001	0.003		11.0
822.00	0.004	0.001	0.003		11.0
823.00	0.004	0.001	0.003		11.0
824.00	0.004	0.001	0.003		11.0
825.00	0.004	0.001	0.003		11.0
826.00	0.004	0.001	0.003		11.0
827.00	0.004	0.001	0.003		11.0
828.00	0.004	0.001	0.003		11.0
829.00	0.004	0.001	0.003		11.0
830.00	0.004	0.001	0.003		11.0
831.00	0.004	0.001	0.003		11.0
832.00	0.004	0.001	0.003		11.0
833.00	0.004	0.001	0.003		11.0
834.00	0.004	0.001	0.003		11.0
835.00	0.004	0.001	0.003		11.0
836.00	0.004	0.001	0.003		11.0
837.00	0.004	0.001	0.003		11.0
838.00	0.004	0.001	0.003		11.0
839.00	0.004	0.001	0.003		11.0
840.00	0.004	0.001	0.003		11.0
841.00					10.8
842.00					10.6
843.00					10.2
844.00					9.6
845.00					8.8
846.00					7.9
847.00					6.6
848.00					5.6
849.00					4.9
850.00					4.3
851.00					3.7
852.00					3.2
853.00					2.8
854.00					2.4
855.00					2.0
856.00					1.8
857.00					1.5
858.00					1.3
859.00					1.1
860.00					1.0
861.00					0.8

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT MAIN LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:19:21

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
862.00					0.7
863.00					0.6
864.00					0.5
865.00					0.4
866.00					0.4
867.00					0.3
868.00					0.2
869.00					0.2
870.00					0.2
871.00					0.1
872.00					0.1
873.00					0.1
874.00					0.1
875.00					0.0
876.00					0.0
877.00					0.0
878.00					0.0
879.00					0.0

F GRAPH SUMMARY REPORT Table 27
VersNo= 1.0 Page 1

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

BASIN DATA

Basin Area= .1 square miles
Lag Time= .15 hours

LOSS DATA

Initial Loss= 0 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 14 hrs
Unit Duration= 1 min

VOLUME

Volume of Dgraph= 2386
Volume of Ugraph= 1 in
Total Rainfall= 8.100006 in
Total Rainfall Excess= 7.26 in

Volume of Fgraph= 28653 cfs- 1.666667E-02 hr
or 40 ac-ft
or 7.407 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.00	0.004	0.001	0.003	45	0
2.00	0.004	0.001	0.003	72	0
3.00	0.004	0.001	0.003	116	1
4.00	0.004	0.001	0.003	177	1
5.00	0.004	0.001	0.003	240	2
6.00	0.004	0.001	0.003	273	3
7.00	0.004	0.001	0.003	333	4
8.00	0.004	0.001	0.003	411	5
9.00	0.004	0.001	0.003	283	6
10.00	0.004	0.001	0.003	227	7
11.00	0.004	0.001	0.003	199	8
12.00	0.004	0.001	0.003	183	8
13.00	0.004	0.001	0.003	166	9
14.00	0.004	0.001	0.003	146	9
15.00	0.004	0.001	0.003	128	9
16.00	0.004	0.001	0.003	112	10
17.00	0.004	0.001	0.003	98	10
18.00	0.004	0.001	0.003	85	10
19.00	0.004	0.001	0.003	74	11
20.00	0.004	0.001	0.003	64	11
21.00	0.004	0.001	0.003	56	11
22.00	0.004	0.001	0.003	49	11
23.00	0.004	0.001	0.003	43	11
24.00	0.004	0.001	0.003	38	11
25.00	0.004	0.001	0.003	34	12
26.00	0.004	0.001	0.003	30	12
27.00	0.004	0.001	0.003	27	12
28.00	0.004	0.001	0.003	24	12
29.00	0.004	0.001	0.003	22	12
30.00	0.004	0.001	0.003	19	12
31.00	0.004	0.001	0.003	17	12
32.00	0.004	0.001	0.003	14	12
33.00	0.004	0.001	0.003	12	12
34.00	0.004	0.001	0.003	11	12
35.00	0.004	0.001	0.003	9	12
36.00	0.004	0.001	0.003	7	12
37.00	0.004	0.001	0.003	6	12
38.00	0.004	0.001	0.003	5	12
39.00	0.004	0.001	0.003	4	12
40.00	0.004	0.001	0.003	3	12
41.00	0.004	0.001	0.003	3	12

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
42.00	0.004	0.001	0.003	2	12
43.00	0.004	0.001	0.003	2	12
44.00	0.004	0.001	0.003		12
45.00	0.004	0.001	0.003		12
46.00	0.004	0.001	0.003		12
47.00	0.004	0.001	0.003		12
48.00	0.004	0.001	0.003		12
49.00	0.004	0.001	0.003		12
50.00	0.004	0.001	0.003		12
51.00	0.004	0.001	0.003		12
52.00	0.004	0.001	0.003		12
53.00	0.004	0.001	0.003		12
54.00	0.004	0.001	0.003		12
55.00	0.004	0.001	0.003		12
56.00	0.004	0.001	0.003		12
57.00	0.004	0.001	0.003		12
58.00	0.004	0.001	0.003		12
59.00	0.004	0.001	0.003		12
60.00	0.004	0.001	0.003		12
61.00	0.004	0.001	0.003		12
62.00	0.004	0.001	0.003		12
63.00	0.004	0.001	0.003		12
64.00	0.004	0.001	0.003		12
65.00	0.004	0.001	0.003		12
66.00	0.004	0.001	0.003		12
67.00	0.004	0.001	0.003		12
68.00	0.004	0.001	0.003		12
69.00	0.004	0.001	0.003		12
70.00	0.004	0.001	0.003		12
71.00	0.004	0.001	0.003		12
72.00	0.004	0.001	0.003		12
73.00	0.004	0.001	0.003		12
74.00	0.004	0.001	0.003		12
75.00	0.004	0.001	0.003		12
76.00	0.004	0.001	0.003		12
77.00	0.004	0.001	0.003		12
78.00	0.004	0.001	0.003		12
79.00	0.004	0.001	0.003		12
80.00	0.004	0.001	0.003		12
81.00	0.004	0.001	0.003		12
82.00	0.004	0.001	0.003		12

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
83.00	0.004	0.001	0.003		12
84.00	0.004	0.001	0.003		12
85.00	0.004	0.001	0.003		12
86.00	0.004	0.001	0.003		12
87.00	0.004	0.001	0.003		12
88.00	0.004	0.001	0.003		12
89.00	0.004	0.001	0.003		12
90.00	0.004	0.001	0.003		12
91.00	0.004	0.001	0.003		12
92.00	0.004	0.001	0.003		12
93.00	0.004	0.001	0.003		12
94.00	0.005	0.001	0.004		12
95.00	0.005	0.001	0.004		12
96.00	0.005	0.001	0.004		12
97.00	0.005	0.001	0.004		13
98.00	0.005	0.001	0.004		13
99.00	0.005	0.001	0.004		13
100.00	0.005	0.001	0.004		14
101.00	0.005	0.001	0.004		14
102.00	0.005	0.001	0.004		14
103.00	0.005	0.001	0.004		14
104.00	0.005	0.001	0.004		15
105.00	0.005	0.001	0.004		15
106.00	0.005	0.001	0.004		15
107.00	0.005	0.001	0.004		15
108.00	0.005	0.001	0.004		15
109.00	0.005	0.001	0.004		15
110.00	0.005	0.001	0.004		15
111.00	0.005	0.001	0.004		16
112.00	0.005	0.001	0.004		16
113.00	0.005	0.001	0.004		16
114.00	0.005	0.001	0.004		16
115.00	0.005	0.001	0.004		16
116.00	0.005	0.001	0.004		16
117.00	0.005	0.001	0.004		16
118.00	0.005	0.001	0.004		16
119.00	0.005	0.001	0.004		16
120.00	0.005	0.001	0.004		16
121.00	0.005	0.001	0.004		16
122.00	0.005	0.001	0.004		16
123.00	0.005	0.001	0.004		16

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
124.00	0.005	0.001	0.004		16
125.00	0.005	0.001	0.004		16
126.00	0.005	0.001	0.004		16
127.00	0.005	0.001	0.004		16
128.00	0.005	0.001	0.004		16
129.00	0.005	0.001	0.004		16
130.00	0.005	0.001	0.004		16
131.00	0.005	0.001	0.004		16
132.00	0.005	0.001	0.004		16
133.00	0.005	0.001	0.004		16
134.00	0.005	0.001	0.004		16
135.00	0.005	0.001	0.004		16
136.00	0.005	0.001	0.004		16
137.00	0.005	0.001	0.004		16
138.00	0.005	0.001	0.004		16
139.00	0.005	0.001	0.004		16
140.00	0.005	0.001	0.004		16
141.00	0.005	0.001	0.004		16
142.00	0.005	0.001	0.004		16
143.00	0.005	0.001	0.004		16
144.00	0.005	0.001	0.004		16
145.00	0.005	0.001	0.004		16
146.00	0.005	0.001	0.004		16
147.00	0.005	0.001	0.004		16
148.00	0.005	0.001	0.004		16
149.00	0.005	0.001	0.004		16
150.00	0.005	0.001	0.004		16
151.00	0.005	0.001	0.004		16
152.00	0.005	0.001	0.004		16
153.00	0.005	0.001	0.004		16
154.00	0.005	0.001	0.004		16
155.00	0.005	0.001	0.004		16
156.00	0.005	0.001	0.004		16
157.00	0.005	0.001	0.004		16
158.00	0.005	0.001	0.004		16
159.00	0.005	0.001	0.004		16
160.00	0.005	0.001	0.004		16
161.00	0.005	0.001	0.004		16
162.00	0.005	0.001	0.004		16
163.00	0.005	0.001	0.004		16
164.00	0.005	0.001	0.004		16

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
165.00	0.005	0.001	0.004		16
166.00	0.005	0.001	0.004		16
167.00	0.005	0.001	0.004		16
168.00	0.005	0.001	0.004		16
169.00	0.005	0.001	0.004		16
170.00	0.005	0.001	0.004		16
171.00	0.005	0.001	0.004		16
172.00	0.005	0.001	0.004		16
173.00	0.005	0.001	0.004		16
174.00	0.005	0.001	0.004		16
175.00	0.005	0.001	0.004		16
176.00	0.005	0.001	0.004		16
177.00	0.005	0.001	0.004		16
178.00	0.005	0.001	0.004		16
179.00	0.005	0.001	0.004		16
180.00	0.005	0.001	0.004		16
181.00	0.005	0.001	0.004		16
182.00	0.005	0.001	0.004		16
183.00	0.005	0.001	0.004		16
184.00	0.005	0.001	0.004		16
185.00	0.005	0.001	0.004		16
186.00	0.005	0.001	0.004		16
187.00	0.005	0.001	0.004		16
188.00	0.005	0.001	0.004		16
189.00	0.005	0.001	0.004		16
190.00	0.005	0.001	0.004		16
191.00	0.005	0.001	0.004		16
192.00	0.005	0.001	0.004		16
193.00	0.005	0.001	0.004		16
194.00	0.005	0.001	0.004		16
195.00	0.005	0.001	0.004		16
196.00	0.005	0.001	0.004		16
197.00	0.005	0.001	0.004		16
198.00	0.005	0.001	0.004		16
199.00	0.005	0.001	0.004		16
200.00	0.005	0.001	0.004		16
201.00	0.005	0.001	0.004		16
202.00	0.005	0.001	0.004		16
203.00	0.005	0.001	0.004		16
204.00	0.005	0.001	0.004		16
205.00	0.005	0.001	0.004		16

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
206.00	0.006	0.001	0.005		16
207.00	0.006	0.001	0.005		16
208.00	0.006	0.001	0.005		16
209.00	0.006	0.001	0.005		17
210.00	0.006	0.001	0.005		17
211.00	0.006	0.001	0.005		17
212.00	0.006	0.001	0.005		17
213.00	0.006	0.001	0.005		18
214.00	0.006	0.001	0.005		18
215.00	0.006	0.001	0.005		18
216.00	0.006	0.001	0.005		19
217.00	0.006	0.001	0.005		19
218.00	0.006	0.001	0.005		19
219.00	0.006	0.001	0.005		19
220.00	0.006	0.001	0.005		19
221.00	0.006	0.001	0.005		19
222.00	0.006	0.001	0.005		19
223.00	0.006	0.001	0.005		19
224.00	0.006	0.001	0.005		20
225.00	0.006	0.001	0.005		20
226.00	0.006	0.001	0.005		20
227.00	0.006	0.001	0.005		20
228.00	0.006	0.001	0.005		20
229.00	0.006	0.001	0.005		20
230.00	0.006	0.001	0.005		20
231.00	0.006	0.001	0.005		20
232.00	0.006	0.001	0.005		20
233.00	0.006	0.001	0.005		20
234.00	0.006	0.001	0.005		20
235.00	0.006	0.001	0.005		20
236.00	0.006	0.001	0.005		20
237.00	0.006	0.001	0.005		20
238.00	0.006	0.001	0.005		20
239.00	0.006	0.001	0.005		20
240.00	0.006	0.001	0.005		20
241.00	0.006	0.001	0.005		20
242.00	0.006	0.001	0.005		20
243.00	0.006	0.001	0.005		20
244.00	0.006	0.001	0.005		20
245.00	0.006	0.001	0.005		20
246.00	0.006	0.001	0.005		20

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
247.00	0.006	0.001	0.005		20
248.00	0.006	0.001	0.005		20
249.00	0.006	0.001	0.005		20
250.00	0.006	0.001	0.005		20
251.00	0.006	0.001	0.005		20
252.00	0.006	0.001	0.005		20
253.00	0.006	0.001	0.005		20
254.00	0.006	0.001	0.005		20
255.00	0.006	0.001	0.005		20
256.00	0.006	0.001	0.005		20
257.00	0.006	0.001	0.005		20
258.00	0.006	0.001	0.005		20
259.00	0.006	0.001	0.005		20
260.00	0.006	0.001	0.005		20
261.00	0.006	0.001	0.005		20
262.00	0.006	0.001	0.005		20
263.00	0.006	0.001	0.005		20
264.00	0.006	0.001	0.005		20
265.00	0.006	0.001	0.005		20
266.00	0.006	0.001	0.005		20
267.00	0.006	0.001	0.005		20
268.00	0.006	0.001	0.005		20
269.00	0.006	0.001	0.005		20
270.00	0.006	0.001	0.005		20
271.00	0.006	0.001	0.005		20
272.00	0.006	0.001	0.005		20
273.00	0.006	0.001	0.005		20
274.00	0.006	0.001	0.005		20
275.00	0.006	0.001	0.005		20
276.00	0.006	0.001	0.005		20
277.00	0.006	0.001	0.005		20
278.00	0.006	0.001	0.005		20
279.00	0.006	0.001	0.005		20
280.00	0.006	0.001	0.005		20
281.00	0.006	0.001	0.005		20
282.00	0.006	0.001	0.005		20
283.00	0.006	0.001	0.005		20
284.00	0.006	0.001	0.005		20
285.00	0.006	0.001	0.005		20
286.00	0.006	0.001	0.005		20
287.00	0.006	0.001	0.005		20

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
288.00	0.006	0.001	0.005		20
289.00	0.006	0.001	0.005		20
290.00	0.006	0.001	0.005		20
291.00	0.006	0.001	0.005		20
292.00	0.006	0.001	0.005		20
293.00	0.006	0.001	0.005		20
294.00	0.006	0.001	0.005		20
295.00	0.006	0.001	0.005		20
296.00	0.006	0.001	0.005		20
297.00	0.006	0.001	0.005		20
298.00	0.006	0.001	0.005		20
299.00	0.006	0.001	0.005		20
300.00	0.006	0.001	0.005		20
301.00	0.006	0.001	0.005		20
302.00	0.006	0.001	0.005		20
303.00	0.006	0.001	0.005		20
304.00	0.006	0.001	0.005		20
305.00	0.006	0.001	0.005		20
306.00	0.006	0.001	0.005		20
307.00	0.006	0.001	0.005		20
308.00	0.006	0.001	0.005		20
309.00	0.006	0.001	0.005		20
310.00	0.006	0.001	0.005		20
311.00	0.006	0.001	0.005		20
312.00	0.006	0.001	0.005		20
313.00	0.006	0.001	0.005		20
314.00	0.006	0.001	0.005		20
315.00	0.006	0.001	0.005		20
316.00	0.006	0.001	0.005		20
317.00	0.006	0.001	0.005		20
318.00	0.006	0.001	0.005		20
319.00	0.006	0.001	0.005		20
320.00	0.006	0.001	0.005		20
321.00	0.006	0.001	0.005		20
322.00	0.006	0.001	0.005		20
323.00	0.006	0.001	0.005		20
324.00	0.006	0.001	0.005		20
325.00	0.006	0.001	0.005		20
326.00	0.006	0.001	0.005		20
327.00	0.006	0.001	0.005		20
328.00	0.006	0.001	0.005		20

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
329.00	0.006	0.001	0.005		20
330.00	0.006	0.001	0.005		20
331.00	0.006	0.001	0.005		20
332.00	0.006	0.001	0.005		20
333.00	0.006	0.001	0.005		20
334.00	0.006	0.001	0.005		20
335.00	0.006	0.001	0.005		20
336.00	0.006	0.001	0.005		20
337.00	0.006	0.001	0.005		20
338.00	0.006	0.001	0.005		20
339.00	0.006	0.001	0.005		20
340.00	0.006	0.001	0.005		20
341.00	0.007	0.001	0.006		20
342.00	0.007	0.001	0.006		20
343.00	0.007	0.001	0.006		20
344.00	0.007	0.001	0.006		20
345.00	0.007	0.001	0.006		21
346.00	0.007	0.001	0.006		21
347.00	0.007	0.001	0.006		21
348.00	0.007	0.001	0.006		22
349.00	0.007	0.001	0.006		22
350.00	0.007	0.001	0.006		22
351.00	0.007	0.001	0.006		22
352.00	0.007	0.001	0.006		23
353.00	0.007	0.001	0.006		23
354.00	0.007	0.001	0.006		23
355.00	0.007	0.001	0.006		23
356.00	0.007	0.001	0.006		23
357.00	0.007	0.001	0.006		23
358.00	0.007	0.001	0.006		23
359.00	0.007	0.001	0.006		23
360.00	0.007	0.001	0.006		23
361.00	0.007	0.001	0.006		23
362.00	0.007	0.001	0.006		24
363.00	0.007	0.001	0.006		24
364.00	0.007	0.001	0.006		24
365.00	0.007	0.001	0.006		24
366.00	0.007	0.001	0.006		24
367.00	0.007	0.001	0.006		24
368.00	0.007	0.001	0.006		24
369.00	0.007	0.001	0.006		24

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
370.00	0.007	0.001	0.006		24
371.00	0.007	0.001	0.006		24
372.00	0.007	0.001	0.006		24
373.00	0.007	0.001	0.006		24
374.00	0.007	0.001	0.006		24
375.00	0.007	0.001	0.006		24
376.00	0.007	0.001	0.006		24
377.00	0.007	0.001	0.006		24
378.00	0.007	0.001	0.006		24
379.00	0.007	0.001	0.006		24
380.00	0.007	0.001	0.006		24
381.00	0.007	0.001	0.006		24
382.00	0.007	0.001	0.006		24
383.00	0.007	0.001	0.006		24
384.00	0.007	0.001	0.006		24
385.00	0.007	0.001	0.006		24
386.00	0.007	0.001	0.006		24
387.00	0.007	0.001	0.006		24
388.00	0.007	0.001	0.006		24
389.00	0.007	0.001	0.006		24
390.00	0.007	0.001	0.006		24
391.00	0.007	0.001	0.006		24
392.00	0.007	0.001	0.006		24
393.00	0.007	0.001	0.006		24
394.00	0.007	0.001	0.006		24
395.00	0.007	0.001	0.006		24
396.00	0.007	0.001	0.006		24
397.00	0.007	0.001	0.006		24
398.00	0.007	0.001	0.006		24
399.00	0.007	0.001	0.006		24
400.00	0.007	0.001	0.006		24
401.00	0.007	0.001	0.006		24
402.00	0.007	0.001	0.006		24
403.00	0.007	0.001	0.006		24
404.00	0.007	0.001	0.006		24
405.00	0.007	0.001	0.006		24
406.00	0.007	0.001	0.006		24
407.00	0.008	0.001	0.007		24
408.00	0.008	0.001	0.007		24
409.00	0.008	0.001	0.007		24
410.00	0.008	0.001	0.007		24

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
411.00	0.008	0.001	0.007		25
412.00	0.008	0.001	0.007		25
413.00	0.008	0.001	0.007		25
414.00	0.008	0.001	0.007		26
415.00	0.008	0.001	0.007		26
416.00	0.008	0.001	0.007		26
417.00	0.008	0.001	0.007		26
418.00	0.008	0.001	0.007		26
419.00	0.008	0.001	0.007		27
420.00	0.008	0.001	0.007		27
421.00	0.008	0.001	0.007		27
422.00	0.008	0.001	0.007		27
423.00	0.008	0.001	0.007		27
424.00	0.009	0.001	0.008		27
425.00	0.009	0.001	0.008		27
426.00	0.009	0.001	0.008		28
427.00	0.009	0.001	0.008		28
428.00	0.009	0.001	0.008		28
429.00	0.009	0.001	0.008		28
430.00	0.009	0.001	0.008		29
431.00	0.009	0.001	0.008		29
432.00	0.009	0.001	0.008		30
433.00	0.009	0.001	0.008		30
434.00	0.010	0.001	0.009		30
435.00	0.010	0.001	0.009		30
436.00	0.010	0.001	0.009		31
437.00	0.010	0.001	0.009		31
438.00	0.010	0.001	0.009		31
439.00	0.010	0.001	0.009		32
440.00	0.010	0.001	0.009		32
441.00	0.010	0.001	0.009		33
442.00	0.011	0.001	0.010		33
443.00	0.011	0.001	0.010		33
444.00	0.011	0.001	0.010		34
445.00	0.011	0.001	0.010		34
446.00	0.011	0.001	0.010		35
447.00	0.011	0.001	0.010		35
448.00	0.011	0.001	0.010		36
449.00	0.011	0.001	0.010		36
450.00	0.012	0.001	0.011		37
451.00	0.012	0.001	0.011		37

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
452.00	0.012	0.001	0.011		37
453.00	0.012	0.001	0.011		38
454.00	0.012	0.001	0.011		38
455.00	0.012	0.001	0.011		39
456.00	0.013	0.001	0.012		39
457.00	0.013	0.001	0.012		40
458.00	0.013	0.001	0.012		41
459.00	0.013	0.001	0.012		41
460.00	0.013	0.001	0.012		42
461.00	0.013	0.001	0.012		42
462.00	0.014	0.001	0.013		43
463.00	0.014	0.001	0.013		44
464.00	0.014	0.001	0.013		44
465.00	0.014	0.001	0.013		45
466.00	0.014	0.001	0.013		45
467.00	0.015	0.001	0.014		46
468.00	0.015	0.001	0.014		47
469.00	0.015	0.001	0.014		47
470.00	0.015	0.001	0.014		48
471.00	0.015	0.001	0.014		49
472.00	0.016	0.001	0.015		49
473.00	0.016	0.001	0.015		50
474.00	0.016	0.001	0.015		51
475.00	0.016	0.001	0.015		52
476.00	0.017	0.001	0.016		52
477.00	0.017	0.001	0.016		53
478.00	0.017	0.001	0.016		54
479.00	0.017	0.001	0.016		55
480.00	0.017	0.001	0.016		56
481.00	0.018	0.001	0.017		56
482.00	0.018	0.001	0.017		57
483.00	0.018	0.001	0.017		58
484.00	0.018	0.001	0.017		59
485.00	0.019	0.001	0.018		60
486.00	0.019	0.001	0.018		61
487.00	0.019	0.001	0.018		61
488.00	0.019	0.001	0.018		62
489.00	0.020	0.001	0.019		63
490.00	0.020	0.001	0.019		64
491.00	0.020	0.001	0.019		65
492.00	0.020	0.001	0.019		66

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
493.00	0.021	0.001	0.020		67
494.00	0.021	0.001	0.020		68
495.00	0.021	0.001	0.020		69
496.00	0.022	0.001	0.021		70
497.00	0.022	0.001	0.021		71
498.00	0.022	0.001	0.021		72
499.00	0.022	0.001	0.021		73
500.00	0.023	0.001	0.022		74
501.00	0.023	0.001	0.022		75
502.00	0.023	0.001	0.022		76
503.00	0.023	0.001	0.022		77
504.00	0.024	0.001	0.023		78
505.00	0.024	0.001	0.023		79
506.00	0.024	0.001	0.023		80
507.00	0.025	0.001	0.024		81
508.00	0.025	0.001	0.024		82
509.00	0.025	0.001	0.024		83
510.00	0.026	0.001	0.025		84
511.00	0.026	0.001	0.025		85
512.00	0.026	0.001	0.025		86
513.00	0.027	0.001	0.026		87
514.00	0.027	0.001	0.026		89
515.00	0.027	0.001	0.026		90
516.00	0.028	0.001	0.027		91
517.00	0.028	0.001	0.027		92
518.00	0.028	0.001	0.027		93
519.00	0.029	0.001	0.028		95
520.00	0.029	0.001	0.028		96
521.00	0.029	0.001	0.028		97
522.00	0.030	0.001	0.029		98
523.00	0.030	0.001	0.029		100
524.00	0.030	0.001	0.029		101
525.00	0.031	0.001	0.030		102
526.00	0.031	0.001	0.030		103
527.00	0.031	0.001	0.030		105
528.00	0.032	0.001	0.031		106
529.00	0.032	0.001	0.031		107
530.00	0.033	0.001	0.032		109
531.00	0.033	0.001	0.032		110
532.00	0.033	0.001	0.032		111
533.00	0.034	0.001	0.033		113

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
534.00	0.034	0.001	0.033		114
535.00	0.034	0.001	0.033		115
536.00	0.035	0.001	0.034		117
537.00	0.035	0.001	0.034		118
538.00	0.036	0.001	0.035		120
539.00	0.036	0.001	0.035		121
540.00	0.036	0.001	0.035		122
541.00	0.037	0.001	0.036		124
542.00	0.037	0.001	0.036		125
543.00	0.037	0.001	0.036		127
544.00	0.038	0.001	0.037		128
545.00	0.038	0.001	0.037		130
546.00	0.039	0.001	0.038		131
547.00	0.039	0.001	0.038		132
548.00	0.040	0.001	0.039		134
549.00	0.040	0.001	0.039		135
550.00	0.040	0.001	0.039		137
551.00	0.041	0.001	0.040		138
552.00	0.041	0.001	0.040		140
553.00	0.042	0.001	0.041		142
554.00	0.042	0.001	0.041		143
555.00	0.042	0.001	0.041		145
556.00	0.043	0.001	0.042		146
557.00	0.043	0.001	0.042		148
558.00	0.044	0.001	0.043		149
559.00	0.044	0.001	0.043		151
560.00	0.045	0.001	0.044		152
561.00	0.044	0.001	0.043		154
562.00	0.043	0.001	0.042		155
563.00	0.042	0.001	0.041		157
564.00	0.041	0.001	0.040		158
565.00	0.040	0.001	0.039		159
566.00	0.039	0.001	0.038		159
567.00	0.039	0.001	0.038		159
568.00	0.038	0.001	0.037		159
569.00	0.037	0.001	0.036		158
570.00	0.036	0.001	0.035		157
571.00	0.035	0.001	0.034		155
572.00	0.035	0.001	0.034		154
573.00	0.034	0.001	0.033		152
574.00	0.033	0.001	0.032		150

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
575.00	0.032	0.001	0.031		148
576.00	0.032	0.001	0.031		146
577.00	0.031	0.001	0.030		143
578.00	0.030	0.001	0.029		141
579.00	0.029	0.001	0.028		138
580.00	0.029	0.001	0.028		136
581.00	0.028	0.001	0.027		133
582.00	0.027	0.001	0.026		131
583.00	0.027	0.001	0.026		128
584.00	0.026	0.001	0.025		125
585.00	0.025	0.001	0.024		123
586.00	0.025	0.001	0.024		120
587.00	0.024	0.001	0.023		118
588.00	0.024	0.001	0.023		115
589.00	0.023	0.001	0.022		112
590.00	0.022	0.001	0.021		110
591.00	0.022	0.001	0.021		107
592.00	0.021	0.001	0.020		105
593.00	0.021	0.001	0.020		102
594.00	0.020	0.001	0.019		100
595.00	0.020	0.001	0.019		97
596.00	0.019	0.001	0.018		95
597.00	0.019	0.001	0.018		93
598.00	0.018	0.001	0.017		90
599.00	0.018	0.001	0.017		88
600.00	0.017	0.001	0.016		86
601.00	0.017	0.001	0.016		84
602.00	0.016	0.001	0.015		81
603.00	0.016	0.001	0.015		79
604.00	0.016	0.001	0.015		77
605.00	0.015	0.001	0.014		75
606.00	0.015	0.001	0.014		73
607.00	0.014	0.001	0.013		71
608.00	0.014	0.001	0.013		69
609.00	0.014	0.001	0.013		67
610.00	0.013	0.001	0.012		66
611.00	0.013	0.001	0.012		64
612.00	0.012	0.001	0.011		62
613.00	0.012	0.001	0.011		60
614.00	0.012	0.001	0.011		59
615.00	0.012	0.001	0.011		57

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
616.00	0.011	0.001	0.010		56
617.00	0.011	0.001	0.010		54
618.00	0.011	0.001	0.010		52
619.00	0.010	0.001	0.009		51
620.00	0.010	0.001	0.009		50
621.00	0.010	0.001	0.009		48
622.00	0.010	0.001	0.009		47
623.00	0.009	0.001	0.008		46
624.00	0.009	0.001	0.008		44
625.00	0.009	0.001	0.008		43
626.00	0.009	0.001	0.008		42
627.00	0.009	0.001	0.008		41
628.00	0.009	0.001	0.008		40
629.00	0.008	0.001	0.007		39
630.00	0.008	0.001	0.007		38
631.00	0.008	0.001	0.007		37
632.00	0.008	0.001	0.007		36
633.00	0.008	0.001	0.007		35
634.00	0.008	0.001	0.007		34
635.00	0.008	0.001	0.007		33
636.00	0.008	0.001	0.007		33
637.00	0.007	0.001	0.006		32
638.00	0.007	0.001	0.006		31
639.00	0.007	0.001	0.006		31
640.00	0.007	0.001	0.006		30
641.00	0.007	0.001	0.006		29
642.00	0.007	0.001	0.006		29
643.00	0.007	0.001	0.006		28
644.00	0.007	0.001	0.006		28
645.00	0.007	0.001	0.006		27
646.00	0.007	0.001	0.006		27
647.00	0.007	0.001	0.006		26
648.00	0.007	0.001	0.006		26
649.00	0.007	0.001	0.006		26
650.00	0.007	0.001	0.006		25
651.00	0.007	0.001	0.006		25
652.00	0.007	0.001	0.006		25
653.00	0.007	0.001	0.006		25
654.00	0.007	0.001	0.006		25
655.00	0.007	0.001	0.006		25
656.00	0.007	0.001	0.006		25

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
657.00	0.007	0.001	0.006		24
658.00	0.007	0.001	0.006		24
659.00	0.007	0.001	0.006		24
660.00	0.007	0.001	0.006		24
661.00	0.007	0.001	0.006		24
662.00	0.007	0.001	0.006		24
663.00	0.007	0.001	0.006		24
664.00	0.007	0.001	0.006		24
665.00	0.007	0.001	0.006		24
666.00	0.007	0.001	0.006		24
667.00	0.007	0.001	0.006		24
668.00	0.007	0.001	0.006		24
669.00	0.007	0.001	0.006		24
670.00	0.006	0.001	0.005		24
671.00	0.006	0.001	0.005		24
672.00	0.006	0.001	0.005		24
673.00	0.006	0.001	0.005		23
674.00	0.006	0.001	0.005		23
675.00	0.006	0.001	0.005		23
676.00	0.006	0.001	0.005		23
677.00	0.006	0.001	0.005		22
678.00	0.006	0.001	0.005		22
679.00	0.006	0.001	0.005		22
680.00	0.006	0.001	0.005		22
681.00	0.006	0.001	0.005		21
682.00	0.006	0.001	0.005		21
683.00	0.006	0.001	0.005		21
684.00	0.006	0.001	0.005		21
685.00	0.006	0.001	0.005		21
686.00	0.006	0.001	0.005		21
687.00	0.006	0.001	0.005		21
688.00	0.006	0.001	0.005		21
689.00	0.006	0.001	0.005		20
690.00	0.006	0.001	0.005		20
691.00	0.006	0.001	0.005		20
692.00	0.006	0.001	0.005		20
693.00	0.006	0.001	0.005		20
694.00	0.006	0.001	0.005		20
695.00	0.006	0.001	0.005		20
696.00	0.006	0.001	0.005		20
697.00	0.006	0.001	0.005		20

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
698.00	0.006	0.001	0.005		20
699.00	0.006	0.001	0.005		20
700.00	0.006	0.001	0.005		20
701.00	0.006	0.001	0.005		20
702.00	0.006	0.001	0.005		20
703.00	0.006	0.001	0.005		20
704.00	0.006	0.001	0.005		20
705.00	0.006	0.001	0.005		20
706.00	0.006	0.001	0.005		20
707.00	0.006	0.001	0.005		20
708.00	0.006	0.001	0.005		20
709.00	0.006	0.001	0.005		20
710.00	0.006	0.001	0.005		20
711.00	0.006	0.001	0.005		20
712.00	0.006	0.001	0.005		20
713.00	0.006	0.001	0.005		20
714.00	0.006	0.001	0.005		20
715.00	0.006	0.001	0.005		20
716.00	0.006	0.001	0.005		20
717.00	0.006	0.001	0.005		20
718.00	0.006	0.001	0.005		20
719.00	0.006	0.001	0.005		20
720.00	0.006	0.001	0.005		20
721.00	0.006	0.001	0.005		20
722.00	0.006	0.001	0.005		20
723.00	0.006	0.001	0.005		20
724.00	0.006	0.001	0.005		20
725.00	0.006	0.001	0.005		20
726.00	0.006	0.001	0.005		20
727.00	0.006	0.001	0.005		20
728.00	0.006	0.001	0.005		20
729.00	0.006	0.001	0.005		20
730.00	0.006	0.001	0.005		20
731.00	0.006	0.001	0.005		20
732.00	0.006	0.001	0.005		20
733.00	0.006	0.001	0.005		20
734.00	0.006	0.001	0.005		20
735.00	0.006	0.001	0.005		20
736.00	0.006	0.001	0.005		20
737.00	0.005	0.001	0.004		20
738.00	0.005	0.001	0.004		20

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
739.00	0.005	0.001	0.004		20
740.00	0.005	0.001	0.004		20
741.00	0.005	0.001	0.004		19
742.00	0.005	0.001	0.004		19
743.00	0.005	0.001	0.004		19
744.00	0.005	0.001	0.004		18
745.00	0.005	0.001	0.004		18
746.00	0.005	0.001	0.004		18
747.00	0.005	0.001	0.004		18
748.00	0.005	0.001	0.004		17
749.00	0.005	0.001	0.004		17
750.00	0.005	0.001	0.004		17
751.00	0.005	0.001	0.004		17
752.00	0.005	0.001	0.004		17
753.00	0.005	0.001	0.004		17
754.00	0.005	0.001	0.004		17
755.00	0.005	0.001	0.004		17
756.00	0.005	0.001	0.004		17
757.00	0.005	0.001	0.004		17
758.00	0.005	0.001	0.004		16
759.00	0.005	0.001	0.004		16
760.00	0.005	0.001	0.004		16
761.00	0.005	0.001	0.004		16
762.00	0.005	0.001	0.004		16
763.00	0.005	0.001	0.004		16
764.00	0.005	0.001	0.004		16
765.00	0.005	0.001	0.004		16
766.00	0.005	0.001	0.004		16
767.00	0.005	0.001	0.004		16
768.00	0.005	0.001	0.004		16
769.00	0.005	0.001	0.004		16
770.00	0.005	0.001	0.004		16
771.00	0.005	0.001	0.004		16
772.00	0.005	0.001	0.004		16
773.00	0.005	0.001	0.004		16
774.00	0.005	0.001	0.004		16
775.00	0.005	0.001	0.004		16
776.00	0.005	0.001	0.004		16
777.00	0.005	0.001	0.004		16
778.00	0.005	0.001	0.004		16
779.00	0.005	0.001	0.004		16

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
780.00	0.005	0.001	0.004		16
781.00	0.005	0.001	0.004		16
782.00	0.005	0.001	0.004		16
783.00	0.005	0.001	0.004		16
784.00	0.005	0.001	0.004		16
785.00	0.005	0.001	0.004		16
786.00	0.005	0.001	0.004		16
787.00	0.005	0.001	0.004		16
788.00	0.005	0.001	0.004		16
789.00	0.005	0.001	0.004		16
790.00	0.005	0.001	0.004		16
791.00	0.005	0.001	0.004		16
792.00	0.005	0.001	0.004		16
793.00	0.004	0.001	0.003		16
794.00	0.004	0.001	0.003		16
795.00	0.004	0.001	0.003		16
796.00	0.004	0.001	0.003		16
797.00	0.004	0.001	0.003		15
798.00	0.004	0.001	0.003		15
799.00	0.004	0.001	0.003		15
800.00	0.004	0.001	0.003		14
801.00	0.004	0.001	0.003		14
802.00	0.004	0.001	0.003		14
803.00	0.004	0.001	0.003		14
804.00	0.004	0.001	0.003		14
805.00	0.004	0.001	0.003		13
806.00	0.004	0.001	0.003		13
807.00	0.004	0.001	0.003		13
808.00	0.004	0.001	0.003		13
809.00	0.004	0.001	0.003		13
810.00	0.004	0.001	0.003		13
811.00	0.004	0.001	0.003		13
812.00	0.004	0.001	0.003		13
813.00	0.004	0.001	0.003		13
814.00	0.004	0.001	0.003		13
815.00	0.004	0.001	0.003		13
816.00	0.004	0.001	0.003		13
817.00	0.004	0.001	0.003		12
818.00	0.004	0.001	0.003		12
819.00	0.004	0.001	0.003		12
820.00	0.004	0.001	0.003		12

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
821.00	0.004	0.001	0.003		12
822.00	0.004	0.001	0.003		12
823.00	0.004	0.001	0.003		12
824.00	0.004	0.001	0.003		12
825.00	0.004	0.001	0.003		12
826.00	0.004	0.001	0.003		12
827.00	0.004	0.001	0.003		12
828.00	0.004	0.001	0.003		12
829.00	0.004	0.001	0.003		12
830.00	0.004	0.001	0.003		12
831.00	0.004	0.001	0.003		12
832.00	0.004	0.001	0.003		12
833.00	0.004	0.001	0.003		12
834.00	0.004	0.001	0.003		12
835.00	0.004	0.001	0.003		12
836.00	0.004	0.001	0.003		12
837.00	0.004	0.001	0.003		12
838.00	0.004	0.001	0.003		12
839.00	0.004	0.001	0.003		12
840.00	0.004	0.001	0.003		12
841.00					12
842.00					12
843.00					12
844.00					11
845.00					10
846.00					9
847.00					8
848.00					7
849.00					6
850.00					5
851.00					5
852.00					4
853.00					4
854.00					3
855.00					3
856.00					2
857.00					2
858.00					2
859.00					2
860.00					1
861.00					1

NEVADA TEST SITE PMF STUDY
EXPLORATORY SHAFT AUXILIARY LOCATION
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:36:52

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
862.00					1
863.00					1
864.00					1
865.00					1
866.00					1
867.00					1
868.00					0
869.00					0
870.00					0
871.00					0
872.00					0
873.00					0
874.00					0
875.00					0
876.00					0
877.00					0
878.00					0
879.00					0
880.00					0
881.00					0
882.00					0

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 28
VersNo= 751.3 Page 1

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-26-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
1	0.1	0.1				0.3
2	0.4	0.4				0.8
3	0.8	0.7				1.5
4	1.4	1.3				2.7
5	2.2	2.1				4.3
6	3.1	2.9				6.0
7	4.4	4.0				8.4
8	5.4	5.3				10.6
9	6.1	6.2				12.3
10	6.7	6.9				13.6
11	7.3	7.5				14.8
12	7.8	8.1				15.9
13	8.2	8.6				16.9
14	8.6	9.1				17.7
15	8.9	9.5				18.4
16	9.2	9.9				19.1
17	9.5	10.2				19.6
18	9.7	10.4				20.1
19	9.9	10.7				20.5
20	10.0	10.9				20.9
21	10.1	11.1				21.2
22	10.3	11.2				21.5
23	10.4	11.3				21.7
24	10.5	11.5				21.9
25	10.5	11.6				22.1
26	10.6	11.7				22.3
27	10.7	11.7				22.4
28	10.7	11.8				22.6
29	10.8	11.9				22.7
30	10.8	12.0				22.8
31	10.9	12.0				22.9
32	10.9	12.1				22.9
33	10.9	12.1				23.0
34	10.9	12.1				23.1
35	10.9	12.2				23.1
36	11.0	12.2				23.1
37	11.0	12.2				23.2
38	11.0	12.2				23.2
39	11.0	12.2				23.2
40	11.0	12.2				23.2

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 28
VersNo= 751.3 Page 2

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
41	11.0	12.2				23.2
42	11.0	12.3				23.2
43	11.0	12.3				23.2
44	11.0	12.3				23.2
45	11.0	12.3				23.2
46	11.0	12.3				23.2
47	11.0	12.3				23.2
48	11.0	12.3				23.2
49	11.0	12.3				23.2
50	11.0	12.3				23.2
51	11.0	12.3				23.2
52	11.0	12.3				23.2
53	11.0	12.3				23.2
54	11.0	12.3				23.2
55	11.0	12.3				23.2
56	11.0	12.3				23.2
57	11.0	12.3				23.2
58	11.0	12.3				23.2
59	11.0	12.3				23.2
60	11.0	12.3				23.2
61	11.0	12.3				23.2
62	11.0	12.3				23.2
63	11.0	12.3				23.2
64	11.0	12.3				23.2
65	11.0	12.3				23.2
66	11.0	12.3				23.2
67	11.0	12.3				23.2
68	11.0	12.3				23.2
69	11.0	12.3				23.2
70	11.0	12.3				23.2
71	11.0	12.3				23.2
72	11.0	12.3				23.2
73	11.0	12.3				23.2
74	11.0	12.3				23.2
75	11.0	12.3				23.2
76	11.0	12.3				23.2
77	11.0	12.3				23.2
78	11.0	12.3				23.2
79	11.0	12.3				23.2
80	11.0	12.3				23.2

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 28
VersNo= 751.3 Page 3

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
81	11.0	12.3				23.2
82	11.0	12.3				23.2
83	11.0	12.3				23.2
84	11.0	12.3				23.2
85	11.0	12.3				23.2
86	11.0	12.3				23.2
87	11.0	12.3				23.2
88	11.0	12.3				23.2
89	11.0	12.3				23.2
90	11.0	12.3				23.2
91	11.0	12.3				23.2
92	11.0	12.3				23.2
93	11.0	12.3				23.2
94	11.0	12.3				23.3
95	11.1	12.4				23.5
96	11.2	12.5				23.7
97	11.4	12.7				24.1
98	11.7	12.9				24.6
99	12.0	13.2				25.1
100	12.4	13.5				25.9
101	12.7	13.9				26.6
102	12.9	14.2				27.1
103	13.1	14.4				27.5
104	13.3	14.6				27.9
105	13.4	14.8				28.3
106	13.6	15.0				28.6
107	13.7	15.1				28.8
108	13.8	15.3				29.1
109	13.9	15.4				29.3
110	14.0	15.5				29.4
111	14.0	15.6				29.6
112	14.1	15.6				29.7
113	14.1	15.7				29.8
114	14.2	15.8				29.9
115	14.2	15.8				30.0
116	14.3	15.8				30.1
117	14.3	15.9				30.2
118	14.3	15.9				30.2
119	14.3	15.9				30.3
120	14.4	16.0				30.3

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 28
VersNo= 751.3 Page 4

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
121	14.4	16.0				30.4
122	14.4	16.0				30.4
123	14.4	16.0				30.4
124	14.4	16.1				30.5
125	14.4	16.1				30.5
126	14.4	16.1				30.5
127	14.4	16.1				30.5
128	14.4	16.1				30.5
129	14.4	16.1				30.5
130	14.4	16.1				30.6
131	14.4	16.1				30.6
132	14.4	16.1				30.6
133	14.4	16.1				30.6
134	14.4	16.1				30.6
135	14.4	16.1				30.6
136	14.4	16.1				30.6
137	14.4	16.1				30.6
138	14.4	16.1				30.6
139	14.4	16.1				30.6
140	14.4	16.1				30.6
141	14.4	16.1				30.6
142	14.4	16.1				30.6
143	14.4	16.1				30.6
144	14.4	16.1				30.6
145	14.4	16.1				30.6
146	14.4	16.1				30.6
147	14.4	16.1				30.6
148	14.4	16.1				30.6
149	14.4	16.1				30.6
150	14.4	16.1				30.6
151	14.4	16.1				30.6
152	14.4	16.1				30.6
153	14.4	16.1				30.6
154	14.4	16.1				30.6
155	14.4	16.1				30.6
156	14.4	16.1				30.6
157	14.4	16.1				30.6
158	14.4	16.1				30.6
159	14.4	16.1				30.6
160	14.4	16.1				30.6

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 28
VersNo= 751.3 Page 5

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
161	14.4	16.1				30.6
162	14.4	16.1				30.6
163	14.4	16.1				30.6
164	14.4	16.1				30.6
165	14.4	16.1				30.6
166	14.4	16.1				30.6
167	14.4	16.1				30.6
168	14.4	16.1				30.6
169	14.4	16.1				30.6
170	14.4	16.1				30.6
171	14.4	16.1				30.6
172	14.4	16.1				30.6
173	14.4	16.1				30.6
174	14.4	16.1				30.6
175	14.4	16.1				30.6
176	14.4	16.1				30.6
177	14.4	16.1				30.6
178	14.4	16.1				30.6
179	14.4	16.1				30.6
180	14.4	16.1				30.6
181	14.4	16.1				30.6
182	14.4	16.1				30.6
183	14.4	16.1				30.6
184	14.4	16.1				30.6
185	14.4	16.1				30.6
186	14.4	16.1				30.6
187	14.4	16.1				30.6
188	14.4	16.1				30.6
189	14.4	16.1				30.6
190	14.4	16.1				30.6
191	14.4	16.1				30.6
192	14.4	16.1				30.6
193	14.4	16.1				30.6
194	14.4	16.1				30.6
195	14.4	16.1				30.6
196	14.4	16.1				30.6
197	14.4	16.1				30.6
198	14.4	16.1				30.6
199	14.4	16.1				30.6
200	14.4	16.1				30.6

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 28
VersNo= 751.3 Page 6

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
201	14.4	16.1				30.6
202	14.4	16.1				30.6
203	14.4	16.1				30.6
204	14.4	16.1				30.6
205	14.4	16.1				30.6
206	14.5	16.2				30.7
207	14.6	16.3				30.8
208	14.7	16.4				31.1
209	14.9	16.5				31.4
210	15.1	16.8				31.9
211	15.4	17.1				32.5
212	15.8	17.4				33.2
213	16.1	17.8				33.9
214	16.4	18.1				34.5
215	16.6	18.3				34.9
216	16.7	18.5				35.3
217	16.9	18.7				35.6
218	17.0	18.9				35.9
219	17.2	19.0				36.2
220	17.3	19.1				36.4
221	17.4	19.2				36.6
222	17.4	19.3				36.8
223	17.5	19.4				36.9
224	17.6	19.5				37.1
225	17.6	19.6				37.2
226	17.7	19.6				37.3
227	17.7	19.7				37.4
228	17.7	19.7				37.4
229	17.8	19.8				37.5
230	17.8	19.8				37.6
231	17.8	19.8				37.6
232	17.8	19.8				37.7
233	17.8	19.9				37.7
234	17.9	19.9				37.7
235	17.9	19.9				37.8
236	17.9	19.9				37.8
237	17.9	19.9				37.8
238	17.9	20.0				37.8
239	17.9	20.0				37.9
240	17.9	20.0				37.9

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
241	17.9	20.0				37.9
242	17.9	20.0				37.9
243	17.9	20.0				37.9
244	17.9	20.0				37.9
245	17.9	20.0				37.9
246	17.9	20.0				37.9
247	17.9	20.0				37.9
248	17.9	20.0				37.9
249	17.9	20.0				37.9
250	17.9	20.0				37.9
251	17.9	20.0				37.9
252	17.9	20.0				37.9
253	17.9	20.0				37.9
254	17.9	20.0				37.9
255	17.9	20.0				37.9
256	17.9	20.0				37.9
257	17.9	20.0				37.9
258	17.9	20.0				37.9
259	17.9	20.0				37.9
260	17.9	20.0				37.9
261	17.9	20.0				37.9
262	17.9	20.0				37.9
263	17.9	20.0				37.9
264	17.9	20.0				37.9
265	17.9	20.0				37.9
266	17.9	20.0				37.9
267	17.9	20.0				37.9
268	17.9	20.0				37.9
269	17.9	20.0				37.9
270	17.9	20.0				37.9
271	17.9	20.0				37.9
272	17.9	20.0				37.9
273	17.9	20.0				37.9
274	17.9	20.0				37.9
275	17.9	20.0				37.9
276	17.9	20.0				37.9
277	17.9	20.0				37.9
278	17.9	20.0				37.9
279	17.9	20.0				37.9
280	17.9	20.0				37.9

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 28
VersNo= 751.3 Page 8

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
281	17.9	20.0				37.9
282	17.9	20.0				37.9
283	17.9	20.0				37.9
284	17.9	20.0				37.9
285	17.9	20.0				37.9
286	17.9	20.0				37.9
287	17.9	20.0				37.9
288	17.9	20.0				37.9
289	17.9	20.0				37.9
290	17.9	20.0				37.9
291	17.9	20.0				37.9
292	17.9	20.0				37.9
293	17.9	20.0				37.9
294	17.9	20.0				37.9
295	17.9	20.0				37.9
296	17.9	20.0				37.9
297	17.9	20.0				37.9
298	17.9	20.0				37.9
299	17.9	20.0				37.9
300	17.9	20.0				37.9
301	17.9	20.0				37.9
302	17.9	20.0				37.9
303	17.9	20.0				37.9
304	17.9	20.0				37.9
305	17.9	20.0				37.9
306	17.9	20.0				37.9
307	17.9	20.0				37.9
308	17.9	20.0				37.9
309	17.9	20.0				37.9
310	17.9	20.0				37.9
311	17.9	20.0				37.9
312	17.9	20.0				37.9
313	17.9	20.0				37.9
314	17.9	20.0				37.9
315	17.9	20.0				37.9
316	17.9	20.0				37.9
317	17.9	20.0				37.9
318	17.9	20.0				37.9
319	17.9	20.0				37.9
320	17.9	20.0				37.9

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 28
VersNo= 751.3 Page 9

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
321	17.9	20.0				37.9
322	17.9	20.0				37.9
323	17.9	20.0				37.9
324	17.9	20.0				37.9
325	17.9	20.0				37.9
326	17.9	20.0				37.9
327	17.9	20.0				37.9
328	17.9	20.0				37.9
329	17.9	20.0				37.9
330	17.9	20.0				37.9
331	17.9	20.0				37.9
332	17.9	20.0				37.9
333	17.9	20.0				37.9
334	17.9	20.0				37.9
335	17.9	20.0				37.9
336	17.9	20.0				37.9
337	17.9	20.0				37.9
338	17.9	20.0				37.9
339	17.9	20.0				37.9
340	17.9	20.0				37.9
341	18.0	20.1				38.0
342	18.0	20.1				38.2
343	18.2	20.2				38.4
344	18.4	20.4				38.8
345	18.6	20.7				39.3
346	18.9	20.9				39.8
347	19.3	21.3				40.6
348	19.6	21.7				41.3
349	19.8	22.0				41.8
350	20.0	22.2				42.2
351	20.2	22.4				42.6
352	20.4	22.6				42.9
353	20.5	22.7				43.2
354	20.6	22.9				43.5
355	20.7	23.0				43.7
356	20.8	23.1				43.9
357	20.9	23.2				44.1
358	21.0	23.3				44.3
359	21.0	23.4				44.4
360	21.1	23.4				44.5

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 28
VersNo= 751.3 Page 10

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
361	21.1	23.5				44.6
362	21.2	23.5				44.7
363	21.2	23.6				44.8
364	21.2	23.6				44.8
365	21.2	23.7				44.9
366	21.3	23.7				45.0
367	21.3	23.7				45.0
368	21.3	23.7				45.0
369	21.3	23.8				45.1
370	21.3	23.8				45.1
371	21.3	23.8				45.1
372	21.4	23.8				45.2
373	21.4	23.8				45.2
374	21.4	23.8				45.2
375	21.4	23.8				45.2
376	21.4	23.9				45.2
377	21.4	23.9				45.2
378	21.4	23.9				45.2
379	21.4	23.9				45.2
380	21.4	23.9				45.3
381	21.4	23.9				45.3
382	21.4	23.9				45.3
383	21.4	23.9				45.3
384	21.4	23.9				45.3
385	21.4	23.9				45.3
386	21.4	23.9				45.3
387	21.4	23.9				45.3
388	21.4	23.9				45.3
389	21.4	23.9				45.3
390	21.4	23.9				45.3
391	21.4	23.9				45.3
392	21.4	23.9				45.3
393	21.4	23.9				45.3
394	21.4	23.9				45.3
395	21.4	23.9				45.3
396	21.4	23.9				45.3
397	21.4	23.9				45.3
398	21.4	23.9				45.3
399	21.4	23.9				45.3
400	21.4	23.9				45.3

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
401	21.4	23.9				45.3
402	21.4	23.9				45.3
403	21.4	23.9				45.3
404	21.4	23.9				45.3
405	21.4	23.9				45.3
406	21.4	23.9				45.3
407	21.4	23.9				45.4
408	21.5	24.0				45.5
409	21.6	24.1				45.7
410	21.8	24.3				46.1
411	22.1	24.5				46.6
412	22.4	24.8				47.2
413	22.8	25.1				47.9
414	23.1	25.5				48.6
415	23.3	25.8				49.1
416	23.5	26.1				49.6
417	23.7	26.3				49.9
418	23.8	26.4				50.3
419	24.0	26.6				50.6
420	24.1	26.7				50.9
421	24.2	26.9				51.1
422	24.3	27.0				51.3
423	24.4	27.1				51.5
424	24.5	27.2				51.7
425	24.6	27.4				52.0
426	24.8	27.5				52.3
427	25.0	27.8				52.8
428	25.3	28.1				53.4
429	25.6	28.4				54.0
430	26.1	28.8				54.8
431	26.4	29.2				55.6
432	26.7	29.5				56.2
433	26.9	29.8				56.6
434	27.1	30.0				57.2
435	27.4	30.3				57.7
436	27.6	30.6				58.3
437	28.0	31.0				58.9
438	28.3	31.3				59.7
439	28.7	31.7				60.5
440	29.2	32.2				61.4

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
441	29.6	32.7				62.3
442	29.9	33.1				63.0
443	30.2	33.5				63.7
444	30.6	33.8				64.4
445	31.0	34.2				65.2
446	31.4	34.7				66.1
447	31.8	35.2				67.0
448	32.4	35.7				68.0
449	32.8	36.2				69.0
450	33.2	36.7				69.8
451	33.5	37.1				70.6
452	33.9	37.5				71.4
453	34.3	37.9				72.3
454	34.8	38.4				73.2
455	35.2	38.9				74.1
456	35.8	39.5				75.3
457	36.3	40.1				76.4
458	36.8	40.6				77.4
459	37.3	41.2				78.4
460	37.8	41.7				79.5
461	38.3	42.3				80.6
462	39.0	42.9				81.8
463	39.5	43.6				83.1
464	40.0	44.2				84.2
465	40.5	44.7				85.3
466	41.1	45.3				86.4
467	41.7	46.0				87.6
468	42.4	46.6				89.0
469	43.0	47.4				90.4
470	43.6	48.1				91.7
471	44.2	48.7				92.9
472	44.8	49.4				94.2
473	45.6	50.1				95.7
474	46.2	51.0				97.2
475	46.8	51.7				98.5
476	47.5	52.4				99.9
477	48.2	53.1				101.3
478	49.0	53.9				103.0
479	49.8	54.8				104.6
480	50.5	55.6				106.1

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 28
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COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
481	51.2	56.4				107.6
482	52.0	57.2				109.2
483	52.7	58.1				110.9
484	53.4	58.9				112.3
485	54.1	59.7				113.8
486	54.9	60.5				115.4
487	55.7	61.4				117.1
488	56.5	62.3				118.8
489	57.3	63.2				120.5
490	58.0	64.0				122.1
491	58.9	64.9				123.9
492	59.8	65.9				125.7
493	60.6	66.8				127.4
494	61.3	67.7				129.0
495	62.3	68.6				130.9
496	63.2	69.7				132.8
497	64.0	70.6				134.6
498	64.9	71.6				136.4
499	65.9	72.6				138.4
500	66.8	73.7				140.5
501	67.7	74.7				142.4
502	68.7	75.7				144.4
503	69.6	76.8				146.4
504	70.5	77.8				148.3
505	71.3	78.7				150.1
506	72.3	79.7				152.0
507	73.2	80.8				154.1
508	74.1	81.9				156.0
509	75.0	82.9				157.9
510	76.1	83.9				160.1
511	77.1	85.1				162.2
512	78.1	86.2				164.3
513	79.2	87.4				166.6
514	80.3	88.6				168.9
515	81.3	89.7				171.0
516	82.4	90.9				173.4
517	83.5	92.2				175.7
518	84.6	93.4				177.9
519	85.8	94.6				180.3
520	86.9	95.9				182.8

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-26-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
521	87.9	97.1				185.0
522	89.1	98.3				187.4
523	90.2	99.6				189.9
524	91.3	100.9				192.2
525	92.5	102.1				194.6
526	93.7	103.4				197.1
527	94.7	104.7				199.4
528	96.0	105.9				201.9
529	97.1	107.3				204.4
530	98.2	108.5				206.7
531	99.5	109.8				209.3
532	100.7	111.2				211.9
533	101.9	112.6				214.4
534	103.2	113.9				217.1
535	104.4	115.3				219.8
536	105.7	116.7				222.5
537	107.0	118.2				225.1
538	108.1	119.5				227.7
539	109.5	120.9				230.4
540	110.7	122.4				233.1
541	112.0	123.8				235.7
542	113.3	125.2				238.5
543	114.6	126.7				241.2
544	116.0	128.1				244.0
545	117.2	129.6				246.8
546	118.4	131.0				249.4
547	119.8	132.3				252.1
548	121.1	133.9				254.9
549	122.4	135.3				257.7
550	123.8	136.8				260.6
551	125.2	138.4				263.6
552	126.6	139.9				266.6
553	128.0	141.5				269.6
554	129.5	143.1				272.5
555	130.8	144.7				275.5
556	132.2	146.2				278.3
557	133.6	147.7				281.3
558	135.0	149.3				284.3
559	136.4	150.9				287.3
560	137.8	152.5				290.3

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 28
VersNo= 751.3 Page 15

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
561	139.2	154.0				293.1
562	140.5	155.4				295.9
563	141.7	156.8				298.5
564	142.7	157.9				300.6
565	143.2	158.8				302.0
566	143.5	159.2				302.7
567	143.1	159.3				302.4
568	142.3	158.7				301.1
569	141.3	157.8				299.1
570	140.0	156.6				296.6
571	138.5	155.2				293.7
572	136.9	153.5				290.4
573	135.2	151.8				286.9
574	133.3	149.9				283.2
575	131.2	147.8				278.9
576	129.0	145.5				274.6
577	126.8	143.2				270.0
578	124.6	140.8				265.4
579	122.3	138.4				260.8
580	120.0	135.9				255.9
581	117.6	133.3				250.8
582	115.2	130.7				245.9
583	112.8	128.1				241.0
584	110.4	125.5				235.9
585	107.9	122.8				230.7
586	105.6	120.1				225.7
587	103.2	117.6				220.8
588	100.8	114.9				215.7
589	98.5	112.3				210.8
590	96.2	109.8				206.0
591	93.8	107.2				201.1
592	91.6	104.7				196.3
593	89.4	102.2				191.6
594	87.2	99.7				187.0
595	85.0	97.4				182.4
596	82.8	94.9				177.7
597	80.8	92.5				173.3
598	78.7	90.2				169.0
599	76.8	87.9				164.7
600	74.8	85.8				160.5

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
601	72.9	83.5				156.4
602	70.9	81.4				152.3
603	69.1	79.2				148.4
604	67.2	77.2				144.5
605	65.5	75.1				140.6
606	63.7	73.2				136.9
607	62.1	71.2				133.2
608	60.3	69.3				129.7
609	58.8	67.5				126.2
610	57.3	65.7				123.0
611	55.7	64.0				119.6
612	54.1	62.2				116.3
613	52.6	60.5				113.0
614	51.1	58.7				109.9
615	49.8	57.2				106.9
616	48.3	55.6				103.8
617	46.9	54.0				100.9
618	45.6	52.5				98.0
619	44.3	50.9				95.3
620	43.1	49.6				92.7
621	42.0	48.3				90.3
622	40.7	46.9				87.7
623	39.6	45.5				85.1
624	38.5	44.3				82.8
625	37.4	43.1				80.4
626	36.3	41.8				78.1
627	35.4	40.7				76.0
628	34.5	39.6				74.1
629	33.5	38.6				72.1
630	32.7	37.5				70.2
631	31.9	36.6				68.5
632	31.2	35.8				67.0
633	30.5	34.9				65.4
634	29.8	34.1				63.9
635	29.0	33.3				62.3
636	28.4	32.5				60.9
637	27.9	31.8				59.7
638	27.4	31.2				58.6
639	26.8	30.7				57.5
640	26.3	30.1				56.4

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
641	25.8	29.4				55.2
642	25.3	28.9				54.1
643	24.6	28.2				52.9
644	24.2	27.6				51.7
645	23.8	27.1				50.9
646	23.4	26.7				50.1
647	23.2	26.3				49.5
648	22.9	26.0				48.9
649	22.7	25.7				48.4
650	22.5	25.5				47.9
651	22.3	25.2				47.6
652	22.2	25.1				47.2
653	22.1	24.9				46.9
654	22.0	24.7				46.7
655	21.9	24.6				46.5
656	21.8	24.5				46.3
657	21.7	24.4				46.1
658	21.7	24.3				46.0
659	21.6	24.3				45.9
660	21.6	24.2				45.8
661	21.5	24.2				45.7
662	21.5	24.1				45.6
663	21.5	24.1				45.6
664	21.5	24.0				45.5
665	21.5	24.0				45.5
666	21.4	24.0				45.4
667	21.4	24.0				45.4
668	21.4	23.9				45.4
669	21.4	23.9				45.3
670	21.4	23.9				45.2
671	21.3	23.8				45.1
672	21.1	23.7				44.8
673	20.9	23.5				44.4
674	20.7	23.2				43.9
675	20.4	23.0				43.4
676	20.0	22.6				42.6
677	19.7	22.2				41.9
678	19.5	21.9				41.4
679	19.3	21.7				41.0
680	19.1	21.5				40.6

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
681	18.9	21.3				40.2
682	18.8	21.2				39.9
683	18.7	21.0				39.7
684	18.6	20.9				39.4
685	18.5	20.8				39.2
686	18.4	20.7				39.1
687	18.3	20.6				38.9
688	18.3	20.5				38.8
689	18.2	20.4				38.7
690	18.2	20.4				38.6
691	18.1	20.3				38.5
692	18.1	20.3				38.4
693	18.1	20.3				38.3
694	18.1	20.2				38.3
695	18.0	20.2				38.2
696	18.0	20.2				38.2
697	18.0	20.1				38.1
698	18.0	20.1				38.1
699	18.0	20.1				38.1
700	18.0	20.1				38.0
701	17.9	20.1				38.0
702	17.9	20.1				38.0
703	17.9	20.0				38.0
704	17.9	20.0				38.0
705	17.9	20.0				38.0
706	17.9	20.0				37.9
707	17.9	20.0				37.9
708	17.9	20.0				37.9
709	17.9	20.0				37.9
710	17.9	20.0				37.9
711	17.9	20.0				37.9
712	17.9	20.0				37.9
713	17.9	20.0				37.9
714	17.9	20.0				37.9
715	17.9	20.0				37.9
716	17.9	20.0				37.9
717	17.9	20.0				37.9
718	17.9	20.0				37.9
719	17.9	20.0				37.9
720	17.9	20.0				37.9

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
721	17.9	20.0				37.9
722	17.9	20.0				37.9
723	17.9	20.0				37.9
724	17.9	20.0				37.9
725	17.9	20.0				37.9
726	17.9	20.0				37.9
727	17.9	20.0				37.9
728	17.9	20.0				37.9
729	17.9	20.0				37.9
730	17.9	20.0				37.9
731	17.9	20.0				37.9
732	17.9	20.0				37.9
733	17.9	20.0				37.9
734	17.9	20.0				37.9
735	17.9	20.0				37.9
736	17.9	20.0				37.9
737	17.9	20.0				37.8
738	17.8	19.9				37.7
739	17.7	19.8				37.4
740	17.5	19.6				37.1
741	17.2	19.4				36.6
742	16.9	19.1				36.0
743	16.5	18.7				35.3
744	16.2	18.3				34.6
745	16.0	18.1				34.0
746	15.8	17.8				33.6
747	15.6	17.6				33.2
748	15.5	17.4				32.9
749	15.3	17.3				32.6
750	15.2	17.1				32.3
751	15.1	17.0				32.1
752	15.0	16.9				31.9
753	14.9	16.8				31.7
754	14.9	16.7				31.6
755	14.8	16.6				31.4
756	14.8	16.6				31.3
757	14.7	16.5				31.2
758	14.7	16.5				31.1
759	14.6	16.4				31.1
760	14.6	16.4				31.0

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
761	14.6	16.4				30.9
762	14.6	16.3				30.9
763	14.5	16.3				30.8
764	14.5	16.3				30.8
765	14.5	16.2				30.8
766	14.5	16.2				30.7
767	14.5	16.2				30.7
768	14.5	16.2				30.7
769	14.5	16.2				30.7
770	14.5	16.2				30.6
771	14.5	16.2				30.6
772	14.5	16.2				30.6
773	14.5	16.2				30.6
774	14.5	16.1				30.6
775	14.5	16.1				30.6
776	14.4	16.1				30.6
777	14.4	16.1				30.6
778	14.4	16.1				30.6
779	14.4	16.1				30.6
780	14.4	16.1				30.6
781	14.4	16.1				30.6
782	14.4	16.1				30.6
783	14.4	16.1				30.6
784	14.4	16.1				30.6
785	14.4	16.1				30.6
786	14.4	16.1				30.6
787	14.4	16.1				30.6
788	14.4	16.1				30.6
789	14.4	16.1				30.6
790	14.4	16.1				30.6
791	14.4	16.1				30.6
792	14.4	16.1				30.6
793	14.4	16.1				30.5
794	14.3	16.0				30.3
795	14.2	15.9				30.1
796	14.0	15.7				29.7
797	13.8	15.5				29.2
798	13.5	15.2				28.7
799	13.1	14.9				27.9
800	12.8	14.5				27.2

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
801	12.5	14.2				26.7
802	12.3	14.0				26.3
803	12.2	13.8				25.9
804	12.0	13.6				25.6
805	11.9	13.4				25.3
806	11.7	13.3				25.0
807	11.6	13.1				24.8
808	11.5	13.0				24.6
809	11.5	12.9				24.4
810	11.4	12.8				24.2
811	11.3	12.8				24.1
812	11.3	12.7				24.0
813	11.2	12.6				23.9
814	11.2	12.6				23.8
815	11.2	12.6				23.7
816	11.1	12.5				23.7
817	11.1	12.5				23.6
818	11.1	12.5				23.5
819	11.1	12.4				23.5
820	11.1	12.4				23.5
821	11.0	12.4				23.4
822	11.0	12.4				23.4
823	11.0	12.3				23.4
824	11.0	12.3				23.3
825	11.0	12.3				23.3
826	11.0	12.3				23.3
827	11.0	12.3				23.3
828	11.0	12.3				23.3
829	11.0	12.3				23.3
830	11.0	12.3				23.3
831	11.0	12.3				23.3
832	11.0	12.3				23.2
833	11.0	12.3				23.2
834	11.0	12.3				23.2
835	11.0	12.3				23.2
836	11.0	12.3				23.2
837	11.0	12.3				23.2
838	11.0	12.3				23.2
839	11.0	12.3				23.2
840	11.0	12.3				23.2

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
841	10.8	12.1				23.0
842	10.6	11.9				22.5
843	10.2	11.5				21.7
844	9.6	11.0				20.5
845	8.8	10.2				19.0
846	7.9	9.3				17.2
847	6.6	8.3				14.9
848	5.6	7.0				12.6
849	4.9	6.1				11.0
850	4.3	5.4				9.6
851	3.7	4.7				8.4
852	3.2	4.2				7.4
853	2.8	3.6				6.4
854	2.4	3.2				5.5
855	2.0	2.8				4.8
856	1.8	2.4				4.2
857	1.5	2.1				3.6
858	1.3	1.8				3.1
859	1.1	1.6				2.7
860	1.0	1.4				2.4
861	0.8	1.2				2.0
862	0.7	1.1				1.8
863	0.6	0.9				1.5
864	0.5	0.8				1.3
865	0.4	0.7				1.1
866	0.4	0.6				1.0
867	0.3	0.5				0.8
868	0.2	0.4				0.7
869	0.2	0.4				0.6
870	0.2	0.3				0.5
871	0.1	0.3				0.4
872	0.1	0.2				0.3
873	0.1	0.2				0.2
874	0.1	0.1				0.2
875	0.0	0.1				0.1
876	0.0	0.1				0.1
877	0.0	0.1				0.1
878	0.0	0.0				0.1
879	0.0	0.0				0.0
880		0.0				0.0

COMBINE EXPLORATORY SHAFT MAIN AND AUX LOCATIONS
GENERAL STORM PMF
KLB 02-28-1986 13:40:23

FLOOD HYDROGRAPH VOLUME= 54314 CFS * 0.02 HRS
OR 75 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGA1	INTER-VENING cfs)(NEVGA2	)(	)(	)(	COMBINED cfs)
881		0.0				0.0
882		0.0				0.0

F GRAPH SUMMARY REPORT Table 29
VersNo= 1.0 Page 1

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

BASIN DATA

Basin Area= 4.31 square miles
Lag Time= .43 hours

LOSS DATA

Initial Loss= 0 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 28 hrs
Unit Duration= 2 min

VOLUME

Volume of Dgraph= 2389
Volume of Ugraph= .9956 in
Total Rainfall= 10.37698 in
Total Rainfall Excess= 8.697 in

Volume of Fgraph= 745732 cfs- 3.333334E-02 hr
or 2054 ac-ft
or 8.937 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.00	0.004	0.002	0.002	610	1
4.00	0.004	0.002	0.002	816	3
6.00	0.004	0.002	0.002	1149	6
8.00	0.004	0.002	0.002	1608	10
10.00	0.004	0.002	0.002	2192	15
12.00	0.004	0.002	0.002	2903	22
14.00	0.004	0.002	0.002	3554	30
16.00	0.004	0.002	0.002	3928	39
18.00	0.004	0.002	0.002	4240	49
20.00	0.004	0.002	0.002	5078	61
22.00	0.004	0.002	0.002	6396	76
24.00	0.004	0.002	0.002	5237	88
26.00	0.004	0.002	0.002	4090	98
28.00	0.004	0.002	0.002	3518	106
30.00	0.004	0.002	0.002	3146	113
32.00	0.004	0.002	0.002	2933	120
34.00	0.004	0.002	0.002	2774	126
36.00	0.004	0.002	0.002	2593	132
38.00	0.004	0.002	0.002	2391	138
40.00	0.004	0.002	0.002	2183	143
42.00	0.004	0.002	0.002	1991	148
44.00	0.004	0.002	0.002	1814	152
46.00	0.004	0.002	0.002	1652	156
48.00	0.004	0.002	0.002	1504	159
50.00	0.004	0.002	0.002	1366	163
52.00	0.004	0.002	0.002	1238	165
54.00	0.004	0.002	0.002	1121	168
56.00	0.005	0.002	0.003	1014	171
58.00	0.005	0.002	0.003	918	174
60.00	0.005	0.002	0.003	832	177
62.00	0.005	0.002	0.003	756	180
64.00	0.005	0.002	0.003	688	184
66.00	0.005	0.002	0.003	627	189
68.00	0.005	0.002	0.003	575	194
70.00	0.005	0.002	0.003	530	199
72.00	0.005	0.002	0.003	493	204
74.00	0.005	0.002	0.003	458	210
76.00	0.005	0.002	0.003	425	218
78.00	0.005	0.002	0.003	393	224
80.00	0.005	0.002	0.003	363	229
82.00	0.005	0.002	0.003	334	233

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN •in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
84.00	0.005	0.002	0.003	306	237
86.00	0.005	0.002	0.003	279	240
88.00	0.005	0.002	0.003	254	244
90.00	0.005	0.002	0.003	231	247
92.00	0.005	0.002	0.003	208	250
94.00	0.005	0.002	0.003	187	252
96.00	0.005	0.002	0.003	167	255
98.00	0.005	0.002	0.003	149	257
100.00	0.005	0.002	0.003	132	259
102.00	0.005	0.002	0.003	116	261
104.00	0.005	0.002	0.003	101	262
106.00	0.005	0.002	0.003	88	264
108.00	0.005	0.002	0.003	77	265
110.00	0.005	0.002	0.003	66	266
112.00	0.005	0.002	0.003	57	267
114.00	0.005	0.002	0.003	49	268
116.00	0.005	0.002	0.003	43	269
118.00	0.005	0.002	0.003	38	270
120.00	0.005	0.002	0.003	34	271
122.00	0.005	0.002	0.003	31	271
124.00	0.005	0.002	0.003	30	272
126.00	0.005	0.002	0.003		272
128.00	0.005	0.002	0.003		273
130.00	0.005	0.002	0.003		273
132.00	0.005	0.002	0.003		274
134.00	0.005	0.002	0.003		274
136.00	0.005	0.002	0.003		274
138.00	0.005	0.002	0.003		275
140.00	0.005	0.002	0.003		275
142.00	0.005	0.002	0.003		275
144.00	0.005	0.002	0.003		275
146.00	0.005	0.002	0.003		276
148.00	0.005	0.002	0.003		276
150.00	0.005	0.002	0.003		276
152.00	0.005	0.002	0.003		276
154.00	0.005	0.002	0.003		276
156.00	0.005	0.002	0.003		276
158.00	0.005	0.002	0.003		276
160.00	0.005	0.002	0.003		276
162.00	0.005	0.002	0.003		277
164.00	0.005	0.002	0.003		277

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
166.00	0.005	0.002	0.003		277
168.00	0.005	0.002	0.003		277
170.00	0.005	0.002	0.003		277
172.00	0.005	0.002	0.003		277
174.00	0.005	0.002	0.003		277
176.00	0.005	0.002	0.003		277
178.00	0.005	0.002	0.003		277
180.00	0.005	0.002	0.003		277
182.00	0.005	0.002	0.003		277
184.00	0.005	0.002	0.003		277
186.00	0.005	0.002	0.003		277
188.00	0.005	0.002	0.003		277
190.00	0.005	0.002	0.003		277
192.00	0.005	0.002	0.003		277
194.00	0.005	0.002	0.003		277
196.00	0.005	0.002	0.003		277
198.00	0.005	0.002	0.003		277
200.00	0.005	0.002	0.003		277
202.00	0.005	0.002	0.003		277
204.00	0.005	0.002	0.003		277
206.00	0.005	0.002	0.003		277
208.00	0.005	0.002	0.003		277
210.00	0.005	0.002	0.003		277
212.00	0.005	0.002	0.003		277
214.00	0.005	0.002	0.003		277
216.00	0.005	0.002	0.003		277
218.00	0.005	0.002	0.003		277
220.00	0.005	0.002	0.003		277
222.00	0.005	0.002	0.003		277
224.00	0.005	0.002	0.003		277
226.00	0.005	0.002	0.003		277
228.00	0.005	0.002	0.003		277
230.00	0.005	0.002	0.003		277
232.00	0.005	0.002	0.003		277
234.00	0.005	0.002	0.003		277
236.00	0.005	0.002	0.003		277
238.00	0.005	0.002	0.003		277
240.00	0.005	0.002	0.003		277
242.00	0.005	0.002	0.003		277
244.00	0.005	0.002	0.003		277
246.00	0.005	0.002	0.003		277

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
248.00	0.005	0.002	0.003		277
250.00	0.005	0.002	0.003		277
252.00	0.005	0.002	0.003		277
254.00	0.005	0.002	0.003		277
256.00	0.005	0.002	0.003		277
258.00	0.005	0.002	0.003		277
260.00	0.005	0.002	0.003		277
262.00	0.005	0.002	0.003		277
264.00	0.005	0.002	0.003		277
266.00	0.005	0.002	0.003		277
268.00	0.005	0.002	0.003		277
270.00	0.005	0.002	0.003		277
272.00	0.005	0.002	0.003		277
274.00	0.005	0.002	0.003		277
276.00	0.005	0.002	0.003		277
278.00	0.005	0.002	0.003		277
280.00	0.005	0.002	0.003		277
282.00	0.005	0.002	0.003		277
284.00	0.005	0.002	0.003		277
286.00	0.005	0.002	0.003		277
288.00	0.005	0.002	0.003		277
290.00	0.005	0.002	0.003		277
292.00	0.005	0.002	0.003		277
294.00	0.005	0.002	0.003		277
296.00	0.005	0.002	0.003		277
298.00	0.005	0.002	0.003		277
300.00	0.005	0.002	0.003		277
302.00	0.005	0.002	0.003		277
304.00	0.005	0.002	0.003		277
306.00	0.005	0.002	0.003		277
308.00	0.005	0.002	0.003		277
310.00	0.005	0.002	0.003		277
312.00	0.005	0.002	0.003		277
314.00	0.005	0.002	0.003		277
316.00	0.005	0.002	0.003		277
318.00	0.005	0.002	0.003		277
320.00	0.005	0.002	0.003		277
322.00	0.005	0.002	0.003		277
324.00	0.005	0.002	0.003		277
326.00	0.005	0.002	0.003		277
328.00	0.005	0.002	0.003		277

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
330.00	0.005	0.002	0.003		277
332.00	0.005	0.002	0.003		277
334.00	0.005	0.002	0.003		277
336.00	0.005	0.002	0.003		277
338.00	0.006	0.002	0.004		278
340.00	0.006	0.002	0.004		278
342.00	0.006	0.002	0.004		279
344.00	0.006	0.002	0.004		281
346.00	0.006	0.002	0.004		283
348.00	0.006	0.002	0.004		286
350.00	0.006	0.002	0.004		290
352.00	0.006	0.002	0.004		294
354.00	0.006	0.002	0.004		298
356.00	0.006	0.002	0.004		303
358.00	0.006	0.002	0.004		309
360.00	0.006	0.002	0.004		315
362.00	0.006	0.002	0.004		319
364.00	0.006	0.002	0.004		322
366.00	0.006	0.002	0.004		325
368.00	0.006	0.002	0.004		328
370.00	0.006	0.002	0.004		331
372.00	0.006	0.002	0.004		334
374.00	0.006	0.002	0.004		336
376.00	0.006	0.002	0.004		338
378.00	0.006	0.002	0.004		340
380.00	0.006	0.002	0.004		342
382.00	0.006	0.002	0.004		344
384.00	0.006	0.002	0.004		345
386.00	0.006	0.002	0.004		347
388.00	0.006	0.002	0.004		348
390.00	0.006	0.002	0.004		349
392.00	0.006	0.002	0.004		350
394.00	0.006	0.002	0.004		351
396.00	0.006	0.002	0.004		352
398.00	0.006	0.002	0.004		352
400.00	0.006	0.002	0.004		353
402.00	0.006	0.002	0.004		354
404.00	0.006	0.002	0.004		354
406.00	0.006	0.002	0.004		355
408.00	0.006	0.002	0.004		355
410.00	0.006	0.002	0.004		356

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
412.00	0.006	0.002	0.004		356
414.00	0.006	0.002	0.004		357
416.00	0.006	0.002	0.004		357
418.00	0.006	0.002	0.004		357
420.00	0.006	0.002	0.004		358
422.00	0.006	0.002	0.004		358
424.00	0.006	0.002	0.004		358
426.00	0.006	0.002	0.004		358
428.00	0.006	0.002	0.004		359
430.00	0.006	0.002	0.004		359
432.00	0.006	0.002	0.004		359
434.00	0.006	0.002	0.004		359
436.00	0.006	0.002	0.004		359
438.00	0.006	0.002	0.004		359
440.00	0.006	0.002	0.004		359
442.00	0.006	0.002	0.004		360
444.00	0.006	0.002	0.004		360
446.00	0.006	0.002	0.004		360
448.00	0.006	0.002	0.004		360
450.00	0.006	0.002	0.004		360
452.00	0.006	0.002	0.004		360
454.00	0.006	0.002	0.004		360
456.00	0.006	0.002	0.004		360
458.00	0.006	0.002	0.004		360
460.00	0.006	0.002	0.004		360
462.00	0.006	0.002	0.004		360
464.00	0.006	0.002	0.004		360
466.00	0.006	0.002	0.004		360
468.00	0.006	0.002	0.004		360
470.00	0.006	0.002	0.004		360
472.00	0.006	0.002	0.004		360
474.00	0.006	0.002	0.004		360
476.00	0.006	0.002	0.004		360
478.00	0.006	0.002	0.004		360
480.00	0.006	0.002	0.004		360
482.00	0.006	0.002	0.004		360
484.00	0.006	0.002	0.004		360
486.00	0.006	0.002	0.004		360
488.00	0.006	0.002	0.004		360
490.00	0.006	0.002	0.004		360
492.00	0.006	0.002	0.004		360

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
494.00	0.006	0.002	0.004		360
496.00	0.007	0.002	0.005		361
498.00	0.007	0.002	0.005		361
500.00	0.007	0.002	0.005		363
502.00	0.007	0.002	0.005		364
504.00	0.007	0.002	0.005		366
506.00	0.007	0.002	0.005		369
508.00	0.007	0.002	0.005		373
510.00	0.007	0.002	0.005		377
512.00	0.007	0.002	0.005		381
514.00	0.007	0.002	0.005		386
516.00	0.007	0.002	0.005		392
518.00	0.007	0.002	0.005		398
520.00	0.007	0.002	0.005		402
522.00	0.007	0.002	0.005		405
524.00	0.007	0.002	0.005		408
526.00	0.007	0.002	0.005		411
528.00	0.007	0.002	0.005		414
530.00	0.007	0.002	0.005		417
532.00	0.007	0.002	0.005		419
534.00	0.007	0.002	0.005		421
536.00	0.007	0.002	0.005		423
538.00	0.007	0.002	0.005		425
540.00	0.007	0.002	0.005		427
542.00	0.007	0.002	0.005		428
544.00	0.007	0.002	0.005		430
546.00	0.007	0.002	0.005		431
548.00	0.007	0.002	0.005		432
550.00	0.007	0.002	0.005		433
552.00	0.007	0.002	0.005		434
554.00	0.007	0.002	0.005		435
556.00	0.007	0.002	0.005		436
558.00	0.007	0.002	0.005		436
560.00	0.007	0.002	0.005		437
562.00	0.007	0.002	0.005		437
564.00	0.007	0.002	0.005		438
566.00	0.007	0.002	0.005		438
568.00	0.007	0.002	0.005		439
570.00	0.007	0.002	0.005		439
572.00	0.008	0.002	0.006		440
574.00	0.008	0.002	0.006		441

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
576.00	0.008	0.002	0.006		443
578.00	0.008	0.002	0.006		445
580.00	0.008	0.002	0.006		447
582.00	0.008	0.002	0.006		451
584.00	0.008	0.002	0.006		454
586.00	0.008	0.002	0.006		458
588.00	0.008	0.002	0.006		463
590.00	0.008	0.002	0.006		468
592.00	0.008	0.002	0.006		475
594.00	0.008	0.002	0.006		480
596.00	0.008	0.002	0.006		484
598.00	0.008	0.002	0.006		488
600.00	0.008	0.002	0.006		491
602.00	0.008	0.002	0.006		494
604.00	0.008	0.002	0.006		497
606.00	0.008	0.002	0.006		500
608.00	0.008	0.002	0.006		502
610.00	0.008	0.002	0.006		504
612.00	0.008	0.002	0.006		506
614.00	0.008	0.002	0.006		508
616.00	0.008	0.002	0.006		510
618.00	0.008	0.002	0.006		511
620.00	0.008	0.002	0.006		513
622.00	0.008	0.002	0.006		514
624.00	0.008	0.002	0.006		515
626.00	0.008	0.002	0.006		516
628.00	0.009	0.002	0.007		518
630.00	0.009	0.002	0.007		519
632.00	0.009	0.002	0.007		521
634.00	0.009	0.002	0.007		523
636.00	0.009	0.002	0.007		526
638.00	0.009	0.002	0.007		530
640.00	0.009	0.002	0.007		534
642.00	0.009	0.002	0.007		538
644.00	0.009	0.002	0.007		543
646.00	0.009	0.002	0.007		548
648.00	0.009	0.002	0.007		555
650.00	0.009	0.002	0.007		561
652.00	0.009	0.002	0.007		565
654.00	0.009	0.002	0.007		569
656.00	0.009	0.002	0.007		573

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
658.00	0.009	0.002	0.007		576
660.00	0.009	0.002	0.007		579
662.00	0.009	0.002	0.007		582
664.00	0.009	0.002	0.007		584
666.00	0.009	0.002	0.007		586
668.00	0.009	0.002	0.007		589
670.00	0.009	0.002	0.007		591
672.00	0.009	0.002	0.007		592
674.00	0.009	0.002	0.007		594
676.00	0.009	0.002	0.007		595
678.00	0.009	0.002	0.007		597
680.00	0.010	0.002	0.008		598
682.00	0.010	0.002	0.008		600
684.00	0.010	0.002	0.008		602
686.00	0.010	0.002	0.008		605
688.00	0.010	0.002	0.008		608
690.00	0.010	0.002	0.008		612
692.00	0.010	0.002	0.008		616
694.00	0.010	0.002	0.008		620
696.00	0.010	0.002	0.008		625
698.00	0.010	0.002	0.008		631
700.00	0.010	0.002	0.008		638
702.00	0.010	0.002	0.008		643
704.00	0.010	0.002	0.008		648
706.00	0.010	0.002	0.008		652
708.00	0.010	0.002	0.008		655
710.00	0.010	0.002	0.008		658
712.00	0.010	0.002	0.008		661
714.00	0.010	0.002	0.008		664
716.00	0.010	0.002	0.008		667
718.00	0.010	0.002	0.008		669
720.00	0.010	0.002	0.008		671
722.00	0.010	0.002	0.008		673
724.00	0.010	0.002	0.008		675
726.00	0.010	0.002	0.008		677
728.00	0.010	0.002	0.008		678
730.00	0.010	0.002	0.008		680
732.00	0.010	0.002	0.008		681
734.00	0.010	0.002	0.008		682
736.00	0.011	0.002	0.009		683
738.00	0.011	0.002	0.009		685

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
740.00	0.011	0.002	0.009		687
742.00	0.011	0.002	0.009		689
744.00	0.011	0.002	0.009		692
746.00	0.011	0.002	0.009		696
748.00	0.011	0.002	0.009		700
750.00	0.011	0.002	0.009		704
752.00	0.011	0.002	0.009		709
754.00	0.011	0.002	0.009		715
756.00	0.011	0.002	0.009		721
758.00	0.011	0.002	0.009		727
760.00	0.011	0.002	0.009		731
762.00	0.011	0.002	0.009		735
764.00	0.011	0.002	0.009		739
766.00	0.011	0.002	0.009		742
768.00	0.011	0.002	0.009		745
770.00	0.011	0.002	0.009		748
772.00	0.011	0.002	0.009		750
774.00	0.011	0.002	0.009		753
776.00	0.011	0.002	0.009		755
778.00	0.011	0.002	0.009		757
780.00	0.011	0.002	0.009		758
782.00	0.011	0.002	0.009		760
784.00	0.011	0.002	0.009		762
786.00	0.011	0.002	0.009		763
788.00	0.011	0.002	0.009		764
790.00	0.011	0.002	0.009		765
792.00	0.011	0.002	0.009		766
794.00	0.011	0.002	0.009		767
796.00	0.011	0.002	0.009		768
798.00	0.012	0.002	0.010		769
800.00	0.012	0.002	0.010		771
802.00	0.012	0.002	0.010		772
804.00	0.012	0.002	0.010		774
806.00	0.012	0.002	0.010		777
808.00	0.012	0.002	0.010		780
810.00	0.012	0.002	0.010		784
812.00	0.012	0.002	0.010		789
814.00	0.012	0.002	0.010		793
816.00	0.012	0.002	0.010		799
818.00	0.012	0.002	0.010		805
820.00	0.012	0.002	0.010		811

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
822.00	0.012	0.002	0.010		815
824.00	0.012	0.002	0.010		819
826.00	0.012	0.002	0.010		822
828.00	0.012	0.002	0.010		826
830.00	0.012	0.002	0.010		828
832.00	0.012	0.002	0.010		831
834.00	0.012	0.002	0.010		834
836.00	0.012	0.002	0.010		836
838.00	0.012	0.002	0.010		838
840.00	0.012	0.002	0.010		840
842.00	0.012	0.002	0.010		842
844.00	0.012	0.002	0.010		843
846.00	0.012	0.002	0.010		845
848.00	0.012	0.002	0.010		846
850.00	0.012	0.002	0.010		847
852.00	0.012	0.002	0.010		848
854.00	0.012	0.002	0.010		849
856.00	0.012	0.002	0.010		850
858.00	0.012	0.002	0.010		851
860.00	0.012	0.002	0.010		852
862.00	0.012	0.002	0.010		852
864.00	0.012	0.002	0.010		853
866.00	0.012	0.002	0.010		853
868.00	0.013	0.002	0.011		854
870.00	0.013	0.002	0.011		856
872.00	0.013	0.002	0.011		857
874.00	0.013	0.002	0.011		859
876.00	0.013	0.002	0.011		862
878.00	0.013	0.002	0.011		865
880.00	0.013	0.002	0.011		869
882.00	0.013	0.002	0.011		873
884.00	0.013	0.002	0.011		878
886.00	0.013	0.002	0.011		883
888.00	0.013	0.002	0.011		890
890.00	0.013	0.002	0.011		895
892.00	0.013	0.002	0.011		899
894.00	0.013	0.002	0.011		903
896.00	0.013	0.002	0.011		906
898.00	0.013	0.002	0.011		909
900.00	0.013	0.002	0.011		912
902.00	0.013	0.002	0.011		915

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
904.00	0.013	0.002	0.011		917
906.00	0.013	0.002	0.011		919
908.00	0.013	0.002	0.011		922
910.00	0.013	0.002	0.011		923
912.00	0.013	0.002	0.011		925
914.00	0.013	0.002	0.011		927
916.00	0.013	0.002	0.011		928
918.00	0.013	0.002	0.011		929
920.00	0.013	0.002	0.011		930
922.00	0.013	0.002	0.011		931
924.00	0.014	0.002	0.012		933
926.00	0.014	0.002	0.012		935
928.00	0.014	0.002	0.012		937
930.00	0.014	0.002	0.012		939
932.00	0.014	0.002	0.012		942
934.00	0.014	0.002	0.012		945
936.00	0.014	0.002	0.012		949
938.00	0.014	0.002	0.012		954
940.00	0.014	0.002	0.012		958
942.00	0.014	0.002	0.012		964
944.00	0.014	0.002	0.012		971
946.00	0.014	0.002	0.012		976
948.00	0.014	0.002	0.012		981
950.00	0.014	0.002	0.012		984
952.00	0.014	0.002	0.012		988
954.00	0.014	0.002	0.012		991
956.00	0.015	0.002	0.013		995
958.00	0.015	0.002	0.013		998
960.00	0.015	0.002	0.013		1002
962.00	0.015	0.002	0.013		1006
964.00	0.015	0.002	0.013		1010
966.00	0.015	0.002	0.013		1015
968.00	0.015	0.002	0.013		1020
970.00	0.015	0.002	0.013		1026
972.00	0.016	0.002	0.014		1032
974.00	0.016	0.002	0.014		1040
976.00	0.016	0.002	0.014		1048
978.00	0.016	0.002	0.014		1056
980.00	0.017	0.002	0.015		1064
982.00	0.017	0.002	0.015		1072
984.00	0.017	0.002	0.015		1081

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
986.00	0.017	0.002	0.015		1090
988.00	0.018	0.002	0.016		1100
990.00	0.018	0.002	0.016		1112
992.00	0.019	0.002	0.017		1127
994.00	0.019	0.002	0.017		1141
996.00	0.020	0.002	0.018		1156
998.00	0.020	0.002	0.018		1172
1000.00	0.021	0.002	0.019		1191
1002.00	0.021	0.002	0.019		1211
1004.00	0.022	0.002	0.020		1231
1006.00	0.022	0.002	0.020		1253
1008.00	0.023	0.002	0.021		1278
1010.00	0.023	0.002	0.021		1304
1012.00	0.024	0.002	0.022		1332
1014.00	0.024	0.002	0.022		1361
1016.00	0.025	0.002	0.023		1391
1018.00	0.026	0.002	0.024		1422
1020.00	0.027	0.002	0.025		1455
1022.00	0.027	0.002	0.025		1489
1024.00	0.028	0.002	0.026		1524
1026.00	0.029	0.002	0.027		1561
1028.00	0.030	0.002	0.028		1600
1030.00	0.030	0.002	0.028		1640
1032.00	0.031	0.002	0.029		1682
1034.00	0.032	0.002	0.030		1725
1036.00	0.033	0.002	0.031		1772
1038.00	0.034	0.002	0.032		1820
1040.00	0.035	0.002	0.033		1870
1042.00	0.036	0.002	0.034		1920
1044.00	0.037	0.002	0.035		1973
1046.00	0.038	0.002	0.036		2029
1048.00	0.039	0.002	0.037		2086
1050.00	0.040	0.002	0.038		2143
1052.00	0.041	0.002	0.039		2204
1054.00	0.042	0.002	0.040		2267
1056.00	0.043	0.002	0.041		2332
1058.00	0.044	0.002	0.042		2398
1060.00	0.046	0.002	0.044		2467
1062.00	0.046	0.002	0.044		2537
1064.00	0.048	0.002	0.046		2608
1066.00	0.049	0.002	0.047		2681

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1068.00	0.050	0.002	0.048		2756
1070.00	0.051	0.002	0.049		2832
1072.00	0.053	0.002	0.051		2910
1074.00	0.054	0.002	0.052		2989
1076.00	0.055	0.002	0.053		3070
1078.00	0.056	0.002	0.054		3154
1080.00	0.058	0.002	0.056		3239
1082.00	0.059	0.002	0.057		3325
1084.00	0.061	0.002	0.059		3414
1086.00	0.062	0.002	0.060		3504
1088.00	0.064	0.002	0.062		3595
1090.00	0.065	0.002	0.063		3688
1092.00	0.067	0.002	0.065		3785
1094.00	0.068	0.002	0.066		3883
1096.00	0.070	0.002	0.068		3982
1098.00	0.071	0.002	0.069		4083
1100.00	0.073	0.002	0.071		4187
1102.00	0.074	0.002	0.072		4293
1104.00	0.076	0.002	0.074		4402
1106.00	0.077	0.002	0.075		4511
1108.00	0.079	0.002	0.077		4622
1110.00	0.081	0.002	0.079		4734
1112.00	0.083	0.002	0.081		4848
1114.00	0.084	0.002	0.082		4963
1116.00	0.086	0.002	0.084		5080
1118.00	0.088	0.002	0.086		5199
1120.00	0.089	0.002	0.087		5319
1122.00	0.085	0.002	0.083		5437
1124.00	0.082	0.002	0.080		5553
1126.00	0.078	0.002	0.076		5663
1128.00	0.075	0.002	0.073		5768
1130.00	0.072	0.002	0.070		5863
1132.00	0.069	0.002	0.067		5944
1134.00	0.066	0.002	0.064		6007
1136.00	0.063	0.002	0.061		6051
1138.00	0.060	0.002	0.058		6076
1140.00	0.057	0.002	0.055		6075
1142.00	0.055	0.002	0.053		6044
1144.00	0.052	0.002	0.050		5990
1146.00	0.050	0.002	0.048		5919
1148.00	0.047	0.002	0.045		5834

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1150.00	0.045	0.002	0.043		5738
1152.00	0.043	0.002	0.041		5632
1154.00	0.040	0.002	0.038		5515
1156.00	0.038	0.002	0.036		5390
1158.00	0.036	0.002	0.034		5257
1160.00	0.034	0.002	0.032		5118
1162.00	0.033	0.002	0.031		4976
1164.00	0.031	0.002	0.029		4829
1166.00	0.029	0.002	0.027		4679
1168.00	0.028	0.002	0.026		4527
1170.00	0.026	0.002	0.024		4374
1172.00	0.025	0.002	0.023		4221
1174.00	0.024	0.002	0.022		4067
1176.00	0.022	0.002	0.020		3915
1178.00	0.021	0.002	0.019		3765
1180.00	0.020	0.002	0.018		3619
1182.00	0.019	0.002	0.017		3475
1184.00	0.018	0.002	0.016		3334
1186.00	0.018	0.002	0.016		3195
1188.00	0.017	0.002	0.015		3061
1190.00	0.016	0.002	0.014		2929
1192.00	0.016	0.002	0.014		2803
1194.00	0.015	0.002	0.013		2681
1196.00	0.015	0.002	0.013		2563
1198.00	0.015	0.002	0.013		2450
1200.00	0.015	0.002	0.013		2343
1202.00	0.014	0.002	0.012		2241
1204.00	0.014	0.002	0.012		2144
1206.00	0.014	0.002	0.012		2054
1208.00	0.014	0.002	0.012		1968
1210.00	0.014	0.002	0.012		1887
1212.00	0.014	0.002	0.012		1812
1214.00	0.014	0.002	0.012		1742
1216.00	0.014	0.002	0.012		1677
1218.00	0.014	0.002	0.012		1618
1220.00	0.013	0.002	0.011		1562
1222.00	0.013	0.002	0.011		1510
1224.00	0.013	0.002	0.011		1461
1226.00	0.013	0.002	0.011		1417
1228.00	0.013	0.002	0.011		1377
1230.00	0.013	0.002	0.011		1339

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1232.00	0.013	0.002	0.011		1303
1234.00	0.013	0.002	0.011		1270
1236.00	0.013	0.002	0.011		1239
1238.00	0.013	0.002	0.011		1210
1240.00	0.013	0.002	0.011		1181
1242.00	0.013	0.002	0.011		1156
1244.00	0.013	0.002	0.011		1133
1246.00	0.013	0.002	0.011		1113
1248.00	0.012	0.002	0.010		1095
1250.00	0.012	0.002	0.010		1077
1252.00	0.012	0.002	0.010		1061
1254.00	0.012	0.002	0.010		1046
1256.00	0.012	0.002	0.010		1032
1258.00	0.012	0.002	0.010		1018
1260.00	0.012	0.002	0.010		1005
1262.00	0.012	0.002	0.010		992
1264.00	0.012	0.002	0.010		980
1266.00	0.012	0.002	0.010		968
1268.00	0.012	0.002	0.010		955
1270.00	0.012	0.002	0.010		944
1272.00	0.012	0.002	0.010		935
1274.00	0.012	0.002	0.010		927
1276.00	0.012	0.002	0.010		920
1278.00	0.012	0.002	0.010		913
1280.00	0.012	0.002	0.010		908
1282.00	0.011	0.002	0.009		902
1284.00	0.011	0.002	0.009		896
1286.00	0.011	0.002	0.009		891
1288.00	0.011	0.002	0.009		885
1290.00	0.011	0.002	0.009		880
1292.00	0.011	0.002	0.009		874
1294.00	0.011	0.002	0.009		867
1296.00	0.011	0.002	0.009		861
1298.00	0.011	0.002	0.009		855
1300.00	0.011	0.002	0.009		848
1302.00	0.011	0.002	0.009		840
1304.00	0.011	0.002	0.009		833
1306.00	0.011	0.002	0.009		827
1308.00	0.011	0.002	0.009		823
1310.00	0.011	0.002	0.009		819
1312.00	0.010	0.002	0.008		814

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1314.00	0.010	0.002	0.008		810
1316.00	0.010	0.002	0.008		805
1318.00	0.010	0.002	0.008		801
1320.00	0.010	0.002	0.008		796
1322.00	0.010	0.002	0.008		790
1324.00	0.010	0.002	0.008		784
1326.00	0.010	0.002	0.008		778
1328.00	0.010	0.002	0.008		772
1330.00	0.010	0.002	0.008		765
1332.00	0.010	0.002	0.008		757
1334.00	0.010	0.002	0.008		751
1336.00	0.010	0.002	0.008		745
1338.00	0.010	0.002	0.008		741
1340.00	0.009	0.002	0.007		736
1342.00	0.009	0.002	0.007		731
1344.00	0.009	0.002	0.007		726
1346.00	0.009	0.002	0.007		721
1348.00	0.009	0.002	0.007		716
1350.00	0.009	0.002	0.007		710
1352.00	0.009	0.002	0.007		704
1354.00	0.009	0.002	0.007		698
1356.00	0.009	0.002	0.007		692
1358.00	0.009	0.002	0.007		685
1360.00	0.009	0.002	0.007		676
1362.00	0.009	0.002	0.007		669
1364.00	0.009	0.002	0.007		664
1366.00	0.008	0.002	0.006		658
1368.00	0.008	0.002	0.006		653
1370.00	0.008	0.002	0.006		648
1372.00	0.008	0.002	0.006		643
1374.00	0.008	0.002	0.006		637
1376.00	0.008	0.002	0.006		631
1378.00	0.008	0.002	0.006		625
1380.00	0.008	0.002	0.006		618
1382.00	0.008	0.002	0.006		611
1384.00	0.008	0.002	0.006		604
1386.00	0.008	0.002	0.006		596
1388.00	0.008	0.002	0.006		589
1390.00	0.008	0.002	0.006		583
1392.00	0.008	0.002	0.006		578
1394.00	0.008	0.002	0.006		573

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1396.00	0.007	0.002	0.005		568
1398.00	0.007	0.002	0.005		564
1400.00	0.007	0.002	0.005		559
1402.00	0.007	0.002	0.005		554
1404.00	0.007	0.002	0.005		549
1406.00	0.007	0.002	0.005		543
1408.00	0.007	0.002	0.005		537
1410.00	0.007	0.002	0.005		531
1412.00	0.007	0.002	0.005		525
1414.00	0.007	0.002	0.005		518
1416.00	0.007	0.002	0.005		510
1418.00	0.007	0.002	0.005		503
1420.00	0.007	0.002	0.005		497
1422.00	0.007	0.002	0.005		492
1424.00	0.007	0.002	0.005		488
1426.00	0.007	0.002	0.005		484
1428.00	0.007	0.002	0.005		480
1430.00	0.007	0.002	0.005		477
1432.00	0.007	0.002	0.005		474
1434.00	0.006	0.002	0.004		470
1436.00	0.006	0.002	0.004		467
1438.00	0.006	0.002	0.004		463
1440.00	0.006	0.002	0.004		459
1442.00	0.006	0.002	0.004		455
1444.00	0.006	0.002	0.004		451
1446.00	0.006	0.002	0.004		445
1448.00	0.006	0.002	0.004		440
1450.00	0.006	0.002	0.004		434
1452.00	0.006	0.002	0.004		428
1454.00	0.006	0.002	0.004		421
1456.00	0.006	0.002	0.004		414
1458.00	0.006	0.002	0.004		409
1460.00	0.006	0.002	0.004		405
1462.00	0.006	0.002	0.004		401
1464.00	0.006	0.002	0.004		397
1466.00	0.006	0.002	0.004		394
1468.00	0.006	0.002	0.004		391
1470.00	0.006	0.002	0.004		388
1472.00	0.006	0.002	0.004		385
1474.00	0.006	0.002	0.004		383
1476.00	0.006	0.002	0.004		381

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1478.00	0.006	0.002	0.004		379
1480.00	0.006	0.002	0.004		377
1482.00	0.006	0.002	0.004		375
1484.00	0.006	0.002	0.004		374
1486.00	0.006	0.002	0.004		372
1488.00	0.006	0.002	0.004		371
1490.00	0.006	0.002	0.004		370
1492.00	0.006	0.002	0.004		369
1494.00	0.006	0.002	0.004		368
1496.00	0.006	0.002	0.004		367
1498.00	0.006	0.002	0.004		367
1500.00	0.006	0.002	0.004		366
1502.00	0.006	0.002	0.004		365
1504.00	0.006	0.002	0.004		365
1506.00	0.006	0.002	0.004		364
1508.00	0.006	0.002	0.004		364
1510.00	0.006	0.002	0.004		363
1512.00	0.005	0.002	0.003		362
1514.00	0.005	0.002	0.003		361
1516.00	0.005	0.002	0.003		360
1518.00	0.005	0.002	0.003		358
1520.00	0.005	0.002	0.003		355
1522.00	0.005	0.002	0.003		352
1524.00	0.005	0.002	0.003		349
1526.00	0.005	0.002	0.003		344
1528.00	0.005	0.002	0.003		340
1530.00	0.005	0.002	0.003		335
1532.00	0.005	0.002	0.003		328
1534.00	0.005	0.002	0.003		323
1536.00	0.005	0.002	0.003		319
1538.00	0.005	0.002	0.003		315
1540.00	0.005	0.002	0.003		312
1542.00	0.005	0.002	0.003		309
1544.00	0.005	0.002	0.003		306
1546.00	0.005	0.002	0.003		303
1548.00	0.005	0.002	0.003		301
1550.00	0.005	0.002	0.003		299
1552.00	0.005	0.002	0.003		297
1554.00	0.005	0.002	0.003		295
1556.00	0.005	0.002	0.003		293
1558.00	0.005	0.002	0.003		292

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1560.00	0.005	0.002	0.003		290
1562.00	0.005	0.002	0.003		289
1564.00	0.005	0.002	0.003		288
1566.00	0.005	0.002	0.003		287
1568.00	0.005	0.002	0.003		286
1570.00	0.005	0.002	0.003		285
1572.00	0.005	0.002	0.003		284
1574.00	0.005	0.002	0.003		284
1576.00	0.005	0.002	0.003		283
1578.00	0.005	0.002	0.003		283
1580.00	0.005	0.002	0.003		282
1582.00	0.005	0.002	0.003		282
1584.00	0.005	0.002	0.003		281
1586.00	0.005	0.002	0.003		281
1588.00	0.005	0.002	0.003		280
1590.00	0.005	0.002	0.003		280
1592.00	0.005	0.002	0.003		280
1594.00	0.005	0.002	0.003		279
1596.00	0.005	0.002	0.003		279
1598.00	0.005	0.002	0.003		279
1600.00	0.005	0.002	0.003		278
1602.00	0.005	0.002	0.003		278
1604.00	0.005	0.002	0.003		278
1606.00	0.005	0.002	0.003		278
1608.00	0.005	0.002	0.003		278
1610.00	0.005	0.002	0.003		278
1612.00	0.005	0.002	0.003		278
1614.00	0.005	0.002	0.003		277
1616.00	0.005	0.002	0.003		277
1618.00	0.005	0.002	0.003		277
1620.00	0.005	0.002	0.003		277
1622.00	0.005	0.002	0.003		277
1624.00	0.005	0.002	0.003		277
1626.00	0.005	0.002	0.003		277
1628.00	0.005	0.002	0.003		277
1630.00	0.005	0.002	0.003		277
1632.00	0.005	0.002	0.003		277
1634.00	0.005	0.002	0.003		277
1636.00	0.005	0.002	0.003		277
1638.00	0.005	0.002	0.003		277
1640.00	0.005	0.002	0.003		277

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1642.00	0.005	0.002	0.003		277
1644.00	0.005	0.002	0.003		277
1646.00	0.005	0.002	0.003		277
1648.00	0.005	0.002	0.003		277
1650.00	0.005	0.002	0.003		277
1652.00	0.004	0.002	0.002		276
1654.00	0.004	0.002	0.002		275
1656.00	0.004	0.002	0.002		274
1658.00	0.004	0.002	0.002		273
1660.00	0.004	0.002	0.002		271
1662.00	0.004	0.002	0.002		268
1664.00	0.004	0.002	0.002		264
1666.00	0.004	0.002	0.002		260
1668.00	0.004	0.002	0.002		256
1670.00	0.004	0.002	0.002		251
1672.00	0.004	0.002	0.002		244
1674.00	0.004	0.002	0.002		239
1676.00	0.004	0.002	0.002		235
1678.00	0.004	0.002	0.002		232
1680.00	0.004	0.002	0.002		228
1682.00					224
1684.00					219
1686.00					214
1688.00					208
1690.00					201
1692.00					192
1694.00					182
1696.00					171
1698.00					160
1700.00					146
1702.00					130
1704.00					117
1706.00					106
1708.00					97
1710.00					89
1712.00					81
1714.00					74
1716.00					68
1718.00					61
1720.00					56
1722.00					51

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH OUT TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:03:35

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1724.00					46
1726.00					42
1728.00					38
1730.00					34
1732.00					31
1734.00					28
1736.00					25
1738.00					23
1740.00					21
1742.00					19
1744.00					17
1746.00					16
1748.00					14
1750.00					13
1752.00					11
1754.00					10
1756.00					9
1758.00					8
1760.00					7
1762.00					6
1764.00					6
1766.00					5
1768.00					4
1770.00					4
1772.00					3
1774.00					3
1776.00					2
1778.00					2
1780.00					2
1782.00					1
1784.00					1
1786.00					1
1788.00					1
1790.00					1
1792.00					1
1794.00					0
1796.00					0
1798.00					0
1800.00					0
1802.00					0

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

BASIN DATA

Basin Area= 2.99 square miles
Lag Time= .43 hours

LOSS DATA

Initial Loss= 0 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 28 hrs
Unit Duration= 2 min

VOLUME

Volume of Dgraph= 2389
Volume of Ugraph= .9956 in
Total Rainfall= 10.37698 in
Total Rainfall Excess= 8.697 in

Volume of Fgraph= 517383 cfs- 3.333333E-02 hr
or 1425 ac-ft
or 8.938 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.00	0.004	0.002	0.002	424	1
4.00	0.004	0.002	0.002	568	2
6.00	0.004	0.002	0.002	801	4
8.00	0.004	0.002	0.002	1121	7
10.00	0.004	0.002	0.002	1529	10
12.00	0.004	0.002	0.002	2026	15
14.00	0.004	0.002	0.002	2476	21
16.00	0.004	0.002	0.002	2735	27
18.00	0.004	0.002	0.002	2951	34
20.00	0.004	0.002	0.002	3559	42
22.00	0.004	0.002	0.002	4447	53
24.00	0.004	0.002	0.002	3614	61
26.00	0.004	0.002	0.002	2828	68
28.00	0.004	0.002	0.002	2436	74
30.00	0.004	0.002	0.002	2181	79
32.00	0.004	0.002	0.002	2035	83
34.00	0.004	0.002	0.002	1924	88
36.00	0.004	0.002	0.002	1798	92
38.00	0.004	0.002	0.002	1656	96
40.00	0.004	0.002	0.002	1512	99
42.00	0.004	0.002	0.002	1379	103
44.00	0.004	0.002	0.002	1256	106
46.00	0.004	0.002	0.002	1143	108
48.00	0.004	0.002	0.002	1040	111
50.00	0.004	0.002	0.002	944	113
52.00	0.004	0.002	0.002	856	115
54.00	0.004	0.002	0.002	775	117
56.00	0.005	0.002	0.003	701	119
58.00	0.005	0.002	0.003	634	121
60.00	0.005	0.002	0.003	575	123
62.00	0.005	0.002	0.003	522	125
64.00	0.005	0.002	0.003	475	128
66.00	0.005	0.002	0.003	433	131
68.00	0.005	0.002	0.003	397	134
70.00	0.005	0.002	0.003	366	138
72.00	0.005	0.002	0.003	340	142
74.00	0.005	0.002	0.003	317	146
76.00	0.005	0.002	0.003	294	151
78.00	0.005	0.002	0.003	272	155
80.00	0.005	0.002	0.003	250	159
82.00	0.005	0.002	0.003	230	162

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
84.00	0.005	0.002	0.003	211	164
86.00	0.005	0.002	0.003	193	167
88.00	0.005	0.002	0.003	175	169
90.00	0.005	0.002	0.003	159	171
92.00	0.005	0.002	0.003	143	173
94.00	0.005	0.002	0.003	129	175
96.00	0.005	0.002	0.003	115	177
98.00	0.005	0.002	0.003	102	178
100.00	0.005	0.002	0.003	90	180
102.00	0.005	0.002	0.003	79	181
104.00	0.005	0.002	0.003	69	182
106.00	0.005	0.002	0.003	60	183
108.00	0.005	0.002	0.003	52	184
110.00	0.005	0.002	0.003	45	185
112.00	0.005	0.002	0.003	39	185
114.00	0.005	0.002	0.003	34	186
116.00	0.005	0.002	0.003	29	187
118.00	0.005	0.002	0.003	26	187
120.00	0.005	0.002	0.003	23	188
122.00	0.005	0.002	0.003	22	188
124.00	0.005	0.002	0.003	21	189
126.00	0.005	0.002	0.003		189
128.00	0.005	0.002	0.003		189
130.00	0.005	0.002	0.003		190
132.00	0.005	0.002	0.003		190
134.00	0.005	0.002	0.003		190
136.00	0.005	0.002	0.003		190
138.00	0.005	0.002	0.003		191
140.00	0.005	0.002	0.003		191
142.00	0.005	0.002	0.003		191
144.00	0.005	0.002	0.003		191
146.00	0.005	0.002	0.003		191
148.00	0.005	0.002	0.003		191
150.00	0.005	0.002	0.003		191
152.00	0.005	0.002	0.003		192
154.00	0.005	0.002	0.003		192
156.00	0.005	0.002	0.003		192
158.00	0.005	0.002	0.003		192
160.00	0.005	0.002	0.003		192
162.00	0.005	0.002	0.003		192
164.00	0.005	0.002	0.003		192

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
166.00	0.005	0.002	0.003		192
168.00	0.005	0.002	0.003		192
170.00	0.005	0.002	0.003		192
172.00	0.005	0.002	0.003		192
174.00	0.005	0.002	0.003		192
176.00	0.005	0.002	0.003		192
178.00	0.005	0.002	0.003		192
180.00	0.005	0.002	0.003		192
182.00	0.005	0.002	0.003		192
184.00	0.005	0.002	0.003		192
186.00	0.005	0.002	0.003		192
188.00	0.005	0.002	0.003		192
190.00	0.005	0.002	0.003		192
192.00	0.005	0.002	0.003		192
194.00	0.005	0.002	0.003		192
196.00	0.005	0.002	0.003		192
198.00	0.005	0.002	0.003		192
200.00	0.005	0.002	0.003		192
202.00	0.005	0.002	0.003		192
204.00	0.005	0.002	0.003		192
206.00	0.005	0.002	0.003		192
208.00	0.005	0.002	0.003		192
210.00	0.005	0.002	0.003		192
212.00	0.005	0.002	0.003		192
214.00	0.005	0.002	0.003		192
216.00	0.005	0.002	0.003		192
218.00	0.005	0.002	0.003		192
220.00	0.005	0.002	0.003		192
222.00	0.005	0.002	0.003		192
224.00	0.005	0.002	0.003		192
226.00	0.005	0.002	0.003		192
228.00	0.005	0.002	0.003		192
230.00	0.005	0.002	0.003		192
232.00	0.005	0.002	0.003		192
234.00	0.005	0.002	0.003		192
236.00	0.005	0.002	0.003		192
238.00	0.005	0.002	0.003		192
240.00	0.005	0.002	0.003		192
242.00	0.005	0.002	0.003		192
244.00	0.005	0.002	0.003		192
246.00	0.005	0.002	0.003		192

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
248.00	0.005	0.002	0.003		192
250.00	0.005	0.002	0.003		192
252.00	0.005	0.002	0.003		192
254.00	0.005	0.002	0.003		192
256.00	0.005	0.002	0.003		192
258.00	0.005	0.002	0.003		192
260.00	0.005	0.002	0.003		192
262.00	0.005	0.002	0.003		192
264.00	0.005	0.002	0.003		192
266.00	0.005	0.002	0.003		192
268.00	0.005	0.002	0.003		192
270.00	0.005	0.002	0.003		192
272.00	0.005	0.002	0.003		192
274.00	0.005	0.002	0.003		192
276.00	0.005	0.002	0.003		192
278.00	0.005	0.002	0.003		192
280.00	0.005	0.002	0.003		192
282.00	0.005	0.002	0.003		192
284.00	0.005	0.002	0.003		192
286.00	0.005	0.002	0.003		192
288.00	0.005	0.002	0.003		192
290.00	0.005	0.002	0.003		192
292.00	0.005	0.002	0.003		192
294.00	0.005	0.002	0.003		192
296.00	0.005	0.002	0.003		192
298.00	0.005	0.002	0.003		192
300.00	0.005	0.002	0.003		192
302.00	0.005	0.002	0.003		192
304.00	0.005	0.002	0.003		192
306.00	0.005	0.002	0.003		192
308.00	0.005	0.002	0.003		192
310.00	0.005	0.002	0.003		192
312.00	0.005	0.002	0.003		192
314.00	0.005	0.002	0.003		192
316.00	0.005	0.002	0.003		192
318.00	0.005	0.002	0.003		192
320.00	0.005	0.002	0.003		192
322.00	0.005	0.002	0.003		192
324.00	0.005	0.002	0.003		192
326.00	0.005	0.002	0.003		192
328.00	0.005	0.002	0.003		192

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
330.00	0.005	0.002	0.003		192
332.00	0.005	0.002	0.003		192
334.00	0.005	0.002	0.003		192
336.00	0.005	0.002	0.003		192
338.00	0.006	0.002	0.004		193
340.00	0.006	0.002	0.004		193
342.00	0.006	0.002	0.004		194
344.00	0.006	0.002	0.004		195
346.00	0.006	0.002	0.004		197
348.00	0.006	0.002	0.004		199
350.00	0.006	0.002	0.004		201
352.00	0.006	0.002	0.004		204
354.00	0.006	0.002	0.004		207
356.00	0.006	0.002	0.004		210
358.00	0.006	0.002	0.004		215
360.00	0.006	0.002	0.004		218
362.00	0.006	0.002	0.004		221
364.00	0.006	0.002	0.004		224
366.00	0.006	0.002	0.004		226
368.00	0.006	0.002	0.004		228
370.00	0.006	0.002	0.004		230
372.00	0.006	0.002	0.004		232
374.00	0.006	0.002	0.004		233
376.00	0.006	0.002	0.004		235
378.00	0.006	0.002	0.004		236
380.00	0.006	0.002	0.004		237
382.00	0.006	0.002	0.004		239
384.00	0.006	0.002	0.004		240
386.00	0.006	0.002	0.004		240
388.00	0.006	0.002	0.004		241
390.00	0.006	0.002	0.004		242
392.00	0.006	0.002	0.004		243
394.00	0.006	0.002	0.004		243
396.00	0.006	0.002	0.004		244
398.00	0.006	0.002	0.004		245
400.00	0.006	0.002	0.004		245
402.00	0.006	0.002	0.004		245
404.00	0.006	0.002	0.004		246
406.00	0.006	0.002	0.004		246
408.00	0.006	0.002	0.004		247
410.00	0.006	0.002	0.004		247

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
412.00	0.006	0.002	0.004		247
414.00	0.006	0.002	0.004		247
416.00	0.006	0.002	0.004		248
418.00	0.006	0.002	0.004		248
420.00	0.006	0.002	0.004		248
422.00	0.006	0.002	0.004		248
424.00	0.006	0.002	0.004		249
426.00	0.006	0.002	0.004		249
428.00	0.006	0.002	0.004		249
430.00	0.006	0.002	0.004		249
432.00	0.006	0.002	0.004		249
434.00	0.006	0.002	0.004		249
436.00	0.006	0.002	0.004		249
438.00	0.006	0.002	0.004		249
440.00	0.006	0.002	0.004		249
442.00	0.006	0.002	0.004		249
444.00	0.006	0.002	0.004		250
446.00	0.006	0.002	0.004		250
448.00	0.006	0.002	0.004		250
450.00	0.006	0.002	0.004		250
452.00	0.006	0.002	0.004		250
454.00	0.006	0.002	0.004		250
456.00	0.006	0.002	0.004		250
458.00	0.006	0.002	0.004		250
460.00	0.006	0.002	0.004		250
462.00	0.006	0.002	0.004		250
464.00	0.006	0.002	0.004		250
466.00	0.006	0.002	0.004		250
468.00	0.006	0.002	0.004		250
470.00	0.006	0.002	0.004		250
472.00	0.006	0.002	0.004		250
474.00	0.006	0.002	0.004		250
476.00	0.006	0.002	0.004		250
478.00	0.006	0.002	0.004		250
480.00	0.006	0.002	0.004		250
482.00	0.006	0.002	0.004		250
484.00	0.006	0.002	0.004		250
486.00	0.006	0.002	0.004		250
488.00	0.006	0.002	0.004		250
490.00	0.006	0.002	0.004		250
492.00	0.006	0.002	0.004		250

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
494.00	0.006	0.002	0.004		250
496.00	0.007	0.002	0.005		250
498.00	0.007	0.002	0.005		251
500.00	0.007	0.002	0.005		252
502.00	0.007	0.002	0.005		253
504.00	0.007	0.002	0.005		254
506.00	0.007	0.002	0.005		256
508.00	0.007	0.002	0.005		259
510.00	0.007	0.002	0.005		261
512.00	0.007	0.002	0.005		264
514.00	0.007	0.002	0.005		268
516.00	0.007	0.002	0.005		272
518.00	0.007	0.002	0.005		276
520.00	0.007	0.002	0.005		279
522.00	0.007	0.002	0.005		281
524.00	0.007	0.002	0.005		283
526.00	0.007	0.002	0.005		285
528.00	0.007	0.002	0.005		287
530.00	0.007	0.002	0.005		289
532.00	0.007	0.002	0.005		291
534.00	0.007	0.002	0.005		292
536.00	0.007	0.002	0.005		294
538.00	0.007	0.002	0.005		295
540.00	0.007	0.002	0.005		296
542.00	0.007	0.002	0.005		297
544.00	0.007	0.002	0.005		298
546.00	0.007	0.002	0.005		299
548.00	0.007	0.002	0.005		300
550.00	0.007	0.002	0.005		300
552.00	0.007	0.002	0.005		301
554.00	0.007	0.002	0.005		302
556.00	0.007	0.002	0.005		302
558.00	0.007	0.002	0.005		303
560.00	0.007	0.002	0.005		303
562.00	0.007	0.002	0.005		303
564.00	0.007	0.002	0.005		304
566.00	0.007	0.002	0.005		304
568.00	0.007	0.002	0.005		305
570.00	0.007	0.002	0.005		305
572.00	0.008	0.002	0.006		306
574.00	0.008	0.002	0.006		306

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
576.00	0.008	0.002	0.006		307
578.00	0.008	0.002	0.006		309
580.00	0.008	0.002	0.006		310
582.00	0.008	0.002	0.006		313
584.00	0.008	0.002	0.006		315
586.00	0.008	0.002	0.006		318
588.00	0.008	0.002	0.006		321
590.00	0.008	0.002	0.006		325
592.00	0.008	0.002	0.006		329
594.00	0.008	0.002	0.006		333
596.00	0.008	0.002	0.006		336
598.00	0.008	0.002	0.006		339
600.00	0.008	0.002	0.006		341
602.00	0.008	0.002	0.006		343
604.00	0.008	0.002	0.006		345
606.00	0.008	0.002	0.006		347
608.00	0.008	0.002	0.006		348
610.00	0.008	0.002	0.006		350
612.00	0.008	0.002	0.006		351
614.00	0.008	0.002	0.006		353
616.00	0.008	0.002	0.006		354
618.00	0.008	0.002	0.006		355
620.00	0.008	0.002	0.006		356
622.00	0.008	0.002	0.006		357
624.00	0.008	0.002	0.006		357
626.00	0.008	0.002	0.006		358
628.00	0.009	0.002	0.007		359
630.00	0.009	0.002	0.007		360
632.00	0.009	0.002	0.007		362
634.00	0.009	0.002	0.007		363
636.00	0.009	0.002	0.007		365
638.00	0.009	0.002	0.007		368
640.00	0.009	0.002	0.007		370
642.00	0.009	0.002	0.007		374
644.00	0.009	0.002	0.007		377
646.00	0.009	0.002	0.007		381
648.00	0.009	0.002	0.007		385
650.00	0.009	0.002	0.007		389
652.00	0.009	0.002	0.007		392
654.00	0.009	0.002	0.007		395
656.00	0.009	0.002	0.007		397

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
658.00	0.009	0.002	0.007		400
660.00	0.009	0.002	0.007		402
662.00	0.009	0.002	0.007		404
664.00	0.009	0.002	0.007		405
666.00	0.009	0.002	0.007		407
668.00	0.009	0.002	0.007		408
670.00	0.009	0.002	0.007		410
672.00	0.009	0.002	0.007		411
674.00	0.009	0.002	0.007		412
676.00	0.009	0.002	0.007		413
678.00	0.009	0.002	0.007		414
680.00	0.010	0.002	0.008		415
682.00	0.010	0.002	0.008		417
684.00	0.010	0.002	0.008		418
686.00	0.010	0.002	0.008		420
688.00	0.010	0.002	0.008		422
690.00	0.010	0.002	0.008		424
692.00	0.010	0.002	0.008		427
694.00	0.010	0.002	0.008		430
696.00	0.010	0.002	0.008		434
698.00	0.010	0.002	0.008		438
700.00	0.010	0.002	0.008		442
702.00	0.010	0.002	0.008		446
704.00	0.010	0.002	0.008		449
706.00	0.010	0.002	0.008		452
708.00	0.010	0.002	0.008		455
710.00	0.010	0.002	0.008		457
712.00	0.010	0.002	0.008		459
714.00	0.010	0.002	0.008		461
716.00	0.010	0.002	0.008		463
718.00	0.010	0.002	0.008		464
720.00	0.010	0.002	0.008		466
722.00	0.010	0.002	0.008		467
724.00	0.010	0.002	0.008		468
726.00	0.010	0.002	0.008		470
728.00	0.010	0.002	0.008		471
730.00	0.010	0.002	0.008		472
732.00	0.010	0.002	0.008		472
734.00	0.010	0.002	0.008		473
736.00	0.011	0.002	0.009		474
738.00	0.011	0.002	0.009		475

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
740.00	0.011	0.002	0.009		477
742.00	0.011	0.002	0.009		478
744.00	0.011	0.002	0.009		480
746.00	0.011	0.002	0.009		483
748.00	0.011	0.002	0.009		486
750.00	0.011	0.002	0.009		489
752.00	0.011	0.002	0.009		492
754.00	0.011	0.002	0.009		496
756.00	0.011	0.002	0.009		501
758.00	0.011	0.002	0.009		504
760.00	0.011	0.002	0.009		508
762.00	0.011	0.002	0.009		510
764.00	0.011	0.002	0.009		513
766.00	0.011	0.002	0.009		515
768.00	0.011	0.002	0.009		517
770.00	0.011	0.002	0.009		519
772.00	0.011	0.002	0.009		521
774.00	0.011	0.002	0.009		522
776.00	0.011	0.002	0.009		524
778.00	0.011	0.002	0.009		525
780.00	0.011	0.002	0.009		526
782.00	0.011	0.002	0.009		527
784.00	0.011	0.002	0.009		528
786.00	0.011	0.002	0.009		529
788.00	0.011	0.002	0.009		530
790.00	0.011	0.002	0.009		531
792.00	0.011	0.002	0.009		532
794.00	0.011	0.002	0.009		532
796.00	0.011	0.002	0.009		533
798.00	0.012	0.002	0.010		534
800.00	0.012	0.002	0.010		535
802.00	0.012	0.002	0.010		536
804.00	0.012	0.002	0.010		537
806.00	0.012	0.002	0.010		539
808.00	0.012	0.002	0.010		542
810.00	0.012	0.002	0.010		544
812.00	0.012	0.002	0.010		547
814.00	0.012	0.002	0.010		551
816.00	0.012	0.002	0.010		554
818.00	0.012	0.002	0.010		559
820.00	0.012	0.002	0.010		563

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
822.00	0.012	0.002	0.010		566
824.00	0.012	0.002	0.010		568
826.00	0.012	0.002	0.010		571
828.00	0.012	0.002	0.010		573
830.00	0.012	0.002	0.010		575
832.00	0.012	0.002	0.010		577
834.00	0.012	0.002	0.010		579
836.00	0.012	0.002	0.010		580
838.00	0.012	0.002	0.010		582
840.00	0.012	0.002	0.010		583
842.00	0.012	0.002	0.010		584
844.00	0.012	0.002	0.010		585
846.00	0.012	0.002	0.010		586
848.00	0.012	0.002	0.010		587
850.00	0.012	0.002	0.010		588
852.00	0.012	0.002	0.010		589
854.00	0.012	0.002	0.010		589
856.00	0.012	0.002	0.010		590
858.00	0.012	0.002	0.010		590
860.00	0.012	0.002	0.010		591
862.00	0.012	0.002	0.010		591
864.00	0.012	0.002	0.010		592
866.00	0.012	0.002	0.010		592
868.00	0.013	0.002	0.011		593
870.00	0.013	0.002	0.011		594
872.00	0.013	0.002	0.011		595
874.00	0.013	0.002	0.011		596
876.00	0.013	0.002	0.011		598
878.00	0.013	0.002	0.011		600
880.00	0.013	0.002	0.011		603
882.00	0.013	0.002	0.011		606
884.00	0.013	0.002	0.011		609
886.00	0.013	0.002	0.011		613
888.00	0.013	0.002	0.011		617
890.00	0.013	0.002	0.011		621
892.00	0.013	0.002	0.011		624
894.00	0.013	0.002	0.011		626
896.00	0.013	0.002	0.011		629
898.00	0.013	0.002	0.011		631
900.00	0.013	0.002	0.011		633
902.00	0.013	0.002	0.011		635

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
904.00	0.013	0.002	0.011		636
906.00	0.013	0.002	0.011		638
908.00	0.013	0.002	0.011		639
910.00	0.013	0.002	0.011		641
912.00	0.013	0.002	0.011		642
914.00	0.013	0.002	0.011		643
916.00	0.013	0.002	0.011		644
918.00	0.013	0.002	0.011		645
920.00	0.013	0.002	0.011		646
922.00	0.013	0.002	0.011		646
924.00	0.014	0.002	0.012		647
926.00	0.014	0.002	0.012		648
928.00	0.014	0.002	0.012		650
930.00	0.014	0.002	0.012		651
932.00	0.014	0.002	0.012		653
934.00	0.014	0.002	0.012		656
936.00	0.014	0.002	0.012		659
938.00	0.014	0.002	0.012		662
940.00	0.014	0.002	0.012		665
942.00	0.014	0.002	0.012		669
944.00	0.014	0.002	0.012		674
946.00	0.014	0.002	0.012		677
948.00	0.014	0.002	0.012		680
950.00	0.014	0.002	0.012		683
952.00	0.014	0.002	0.012		685
954.00	0.014	0.002	0.012		688
956.00	0.015	0.002	0.013		690
958.00	0.015	0.002	0.013		693
960.00	0.015	0.002	0.013		695
962.00	0.015	0.002	0.013		698
964.00	0.015	0.002	0.013		701
966.00	0.015	0.002	0.013		704
968.00	0.015	0.002	0.013		708
970.00	0.015	0.002	0.013		712
972.00	0.016	0.002	0.014		716
974.00	0.016	0.002	0.014		721
976.00	0.016	0.002	0.014		727
978.00	0.016	0.002	0.014		733
980.00	0.017	0.002	0.015		738
982.00	0.017	0.002	0.015		744
984.00	0.017	0.002	0.015		750

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
986.00	0.017	0.002	0.015		756
988.00	0.018	0.002	0.016		764
990.00	0.018	0.002	0.016		772
992.00	0.019	0.002	0.017		782
994.00	0.019	0.002	0.017		792
996.00	0.020	0.002	0.018		802
998.00	0.020	0.002	0.018		814
1000.00	0.021	0.002	0.019		827
1002.00	0.021	0.002	0.019		840
1004.00	0.022	0.002	0.020		854
1006.00	0.022	0.002	0.020		870
1008.00	0.023	0.002	0.021		887
1010.00	0.023	0.002	0.021		905
1012.00	0.024	0.002	0.022		925
1014.00	0.024	0.002	0.022		945
1016.00	0.025	0.002	0.023		966
1018.00	0.026	0.002	0.024		987
1020.00	0.027	0.002	0.025		1010
1022.00	0.027	0.002	0.025		1034
1024.00	0.028	0.002	0.026		1058
1026.00	0.029	0.002	0.027		1084
1028.00	0.030	0.002	0.028		1111
1030.00	0.030	0.002	0.028		1139
1032.00	0.031	0.002	0.029		1168
1034.00	0.032	0.002	0.030		1198
1036.00	0.033	0.002	0.031		1230
1038.00	0.034	0.002	0.032		1264
1040.00	0.035	0.002	0.033		1299
1042.00	0.036	0.002	0.034		1333
1044.00	0.037	0.002	0.035		1370
1046.00	0.038	0.002	0.036		1409
1048.00	0.039	0.002	0.037		1448
1050.00	0.040	0.002	0.038		1488
1052.00	0.041	0.002	0.039		1530
1054.00	0.042	0.002	0.040		1574
1056.00	0.043	0.002	0.041		1619
1058.00	0.044	0.002	0.042		1665
1060.00	0.046	0.002	0.044		1713
1062.00	0.046	0.002	0.044		1761
1064.00	0.048	0.002	0.046		1811
1066.00	0.049	0.002	0.047		1862

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1068.00	0.050	0.002	0.048		1913
1070.00	0.051	0.002	0.049		1966
1072.00	0.053	0.002	0.051		2020
1074.00	0.054	0.002	0.052		2076
1076.00	0.055	0.002	0.053		2132
1078.00	0.056	0.002	0.054		2190
1080.00	0.058	0.002	0.056		2249
1082.00	0.059	0.002	0.057		2309
1084.00	0.061	0.002	0.059		2370
1086.00	0.062	0.002	0.060		2433
1088.00	0.064	0.002	0.062		2496
1090.00	0.065	0.002	0.063		2561
1092.00	0.067	0.002	0.065		2628
1094.00	0.068	0.002	0.066		2696
1096.00	0.070	0.002	0.068		2765
1098.00	0.071	0.002	0.069		2835
1100.00	0.073	0.002	0.071		2907
1102.00	0.074	0.002	0.072		2981
1104.00	0.076	0.002	0.074		3056
1106.00	0.077	0.002	0.075		3132
1108.00	0.079	0.002	0.077		3209
1110.00	0.081	0.002	0.079		3287
1112.00	0.083	0.002	0.081		3366
1114.00	0.084	0.002	0.082		3446
1116.00	0.086	0.002	0.084		3527
1118.00	0.088	0.002	0.086		3609
1120.00	0.089	0.002	0.087		3693
1122.00	0.085	0.002	0.083		3775
1124.00	0.082	0.002	0.080		3855
1126.00	0.078	0.002	0.076		3932
1128.00	0.075	0.002	0.073		4004
1130.00	0.072	0.002	0.070		4071
1132.00	0.069	0.002	0.067		4126
1134.00	0.066	0.002	0.064		4170
1136.00	0.063	0.002	0.061		4200
1138.00	0.060	0.002	0.058		4217
1140.00	0.057	0.002	0.055		4216
1142.00	0.055	0.002	0.053		4194
1144.00	0.052	0.002	0.050		4156
1146.00	0.050	0.002	0.048		4106
1148.00	0.047	0.002	0.045		4047

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1150.00	0.045	0.002	0.043		3981
1152.00	0.043	0.002	0.041		3906
1154.00	0.040	0.002	0.038		3825
1156.00	0.038	0.002	0.036		3738
1158.00	0.036	0.002	0.034		3646
1160.00	0.034	0.002	0.032		3549
1162.00	0.033	0.002	0.031		3450
1164.00	0.031	0.002	0.029		3348
1166.00	0.029	0.002	0.027		3244
1168.00	0.028	0.002	0.026		3138
1170.00	0.026	0.002	0.024		3032
1172.00	0.025	0.002	0.023		2925
1174.00	0.024	0.002	0.022		2819
1176.00	0.022	0.002	0.020		2713
1178.00	0.021	0.002	0.019		2609
1180.00	0.020	0.002	0.018		2507
1182.00	0.019	0.002	0.017		2408
1184.00	0.018	0.002	0.016		2310
1186.00	0.018	0.002	0.016		2214
1188.00	0.017	0.002	0.015		2120
1190.00	0.016	0.002	0.014		2029
1192.00	0.016	0.002	0.014		1942
1194.00	0.015	0.002	0.013		1857
1196.00	0.015	0.002	0.013		1775
1198.00	0.015	0.002	0.013		1697
1200.00	0.015	0.002	0.013		1623
1202.00	0.014	0.002	0.012		1552
1204.00	0.014	0.002	0.012		1485
1206.00	0.014	0.002	0.012		1423
1208.00	0.014	0.002	0.012		1363
1210.00	0.014	0.002	0.012		1307
1212.00	0.014	0.002	0.012		1255
1214.00	0.014	0.002	0.012		1206
1216.00	0.014	0.002	0.012		1161
1218.00	0.014	0.002	0.012		1121
1220.00	0.013	0.002	0.011		1082
1222.00	0.013	0.002	0.011		1045
1224.00	0.013	0.002	0.011		1012
1226.00	0.013	0.002	0.011		982
1228.00	0.013	0.002	0.011		953
1230.00	0.013	0.002	0.011		927

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1232.00	0.013	0.002	0.011		903
1234.00	0.013	0.002	0.011		880
1236.00	0.013	0.002	0.011		858
1238.00	0.013	0.002	0.011		838
1240.00	0.013	0.002	0.011		818
1242.00	0.013	0.002	0.011		801
1244.00	0.013	0.002	0.011		785
1246.00	0.013	0.002	0.011		772
1248.00	0.012	0.002	0.010		759
1250.00	0.012	0.002	0.010		747
1252.00	0.012	0.002	0.010		736
1254.00	0.012	0.002	0.010		725
1256.00	0.012	0.002	0.010		715
1258.00	0.012	0.002	0.010		706
1260.00	0.012	0.002	0.010		697
1262.00	0.012	0.002	0.010		688
1264.00	0.012	0.002	0.010		679
1266.00	0.012	0.002	0.010		671
1268.00	0.012	0.002	0.010		662
1270.00	0.012	0.002	0.010		655
1272.00	0.012	0.002	0.010		648
1274.00	0.012	0.002	0.010		643
1276.00	0.012	0.002	0.010		638
1278.00	0.012	0.002	0.010		633
1280.00	0.012	0.002	0.010		629
1282.00	0.011	0.002	0.009		625
1284.00	0.011	0.002	0.009		622
1286.00	0.011	0.002	0.009		618
1288.00	0.011	0.002	0.009		614
1290.00	0.011	0.002	0.009		610
1292.00	0.011	0.002	0.009		606
1294.00	0.011	0.002	0.009		602
1296.00	0.011	0.002	0.009		597
1298.00	0.011	0.002	0.009		593
1300.00	0.011	0.002	0.009		588
1302.00	0.011	0.002	0.009		582
1304.00	0.011	0.002	0.009		578
1306.00	0.011	0.002	0.009		574
1308.00	0.011	0.002	0.009		571
1310.00	0.011	0.002	0.009		568
1312.00	0.010	0.002	0.008		565

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1314.00	0.010	0.002	0.008		562
1316.00	0.010	0.002	0.008		559
1318.00	0.010	0.002	0.008		555
1320.00	0.010	0.002	0.008		552
1322.00	0.010	0.002	0.008		548
1324.00	0.010	0.002	0.008		544
1326.00	0.010	0.002	0.008		540
1328.00	0.010	0.002	0.008		535
1330.00	0.010	0.002	0.008		531
1332.00	0.010	0.002	0.008		525
1334.00	0.010	0.002	0.008		521
1336.00	0.010	0.002	0.008		517
1338.00	0.010	0.002	0.008		514
1340.00	0.009	0.002	0.007		510
1342.00	0.009	0.002	0.007		507
1344.00	0.009	0.002	0.007		504
1346.00	0.009	0.002	0.007		500
1348.00	0.009	0.002	0.007		497
1350.00	0.009	0.002	0.007		493
1352.00	0.009	0.002	0.007		488
1354.00	0.009	0.002	0.007		484
1356.00	0.009	0.002	0.007		480
1358.00	0.009	0.002	0.007		475
1360.00	0.009	0.002	0.007		469
1362.00	0.009	0.002	0.007		464
1364.00	0.009	0.002	0.007		460
1366.00	0.008	0.002	0.006		457
1368.00	0.008	0.002	0.006		453
1370.00	0.008	0.002	0.006		450
1372.00	0.008	0.002	0.006		446
1374.00	0.008	0.002	0.006		442
1376.00	0.008	0.002	0.006		438
1378.00	0.008	0.002	0.006		433
1380.00	0.008	0.002	0.006		429
1382.00	0.008	0.002	0.006		424
1384.00	0.008	0.002	0.006		419
1386.00	0.008	0.002	0.006		413
1388.00	0.008	0.002	0.006		408
1390.00	0.008	0.002	0.006		404
1392.00	0.008	0.002	0.006		401
1394.00	0.008	0.002	0.006		398

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1396.00	0.007	0.002	0.005		394
1398.00	0.007	0.002	0.005		391
1400.00	0.007	0.002	0.005		388
1402.00	0.007	0.002	0.005		384
1404.00	0.007	0.002	0.005		381
1406.00	0.007	0.002	0.005		377
1408.00	0.007	0.002	0.005		373
1410.00	0.007	0.002	0.005		368
1412.00	0.007	0.002	0.005		364
1414.00	0.007	0.002	0.005		359
1416.00	0.007	0.002	0.005		353
1418.00	0.007	0.002	0.005		349
1420.00	0.007	0.002	0.005		345
1422.00	0.007	0.002	0.005		342
1424.00	0.007	0.002	0.005		339
1426.00	0.007	0.002	0.005		336
1428.00	0.007	0.002	0.005		333
1430.00	0.007	0.002	0.005		331
1432.00	0.007	0.002	0.005		329
1434.00	0.006	0.002	0.004		326
1436.00	0.006	0.002	0.004		324
1438.00	0.006	0.002	0.004		321
1440.00	0.006	0.002	0.004		319
1442.00	0.006	0.002	0.004		316
1444.00	0.006	0.002	0.004		313
1446.00	0.006	0.002	0.004		309
1448.00	0.006	0.002	0.004		305
1450.00	0.006	0.002	0.004		301
1452.00	0.006	0.002	0.004		297
1454.00	0.006	0.002	0.004		292
1456.00	0.006	0.002	0.004		287
1458.00	0.006	0.002	0.004		284
1460.00	0.006	0.002	0.004		281
1462.00	0.006	0.002	0.004		278
1464.00	0.006	0.002	0.004		276
1466.00	0.006	0.002	0.004		273
1468.00	0.006	0.002	0.004		271
1470.00	0.006	0.002	0.004		269
1472.00	0.006	0.002	0.004		267
1474.00	0.006	0.002	0.004		266
1476.00	0.006	0.002	0.004		264

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1478.00	0.006	0.002	0.004		263
1480.00	0.006	0.002	0.004		261
1482.00	0.006	0.002	0.004		260
1484.00	0.006	0.002	0.004		259
1486.00	0.006	0.002	0.004		258
1488.00	0.006	0.002	0.004		257
1490.00	0.006	0.002	0.004		257
1492.00	0.006	0.002	0.004		256
1494.00	0.006	0.002	0.004		255
1496.00	0.006	0.002	0.004		255
1498.00	0.006	0.002	0.004		254
1500.00	0.006	0.002	0.004		254
1502.00	0.006	0.002	0.004		254
1504.00	0.006	0.002	0.004		253
1506.00	0.006	0.002	0.004		253
1508.00	0.006	0.002	0.004		252
1510.00	0.006	0.002	0.004		252
1512.00	0.005	0.002	0.003		251
1514.00	0.005	0.002	0.003		251
1516.00	0.005	0.002	0.003		250
1518.00	0.005	0.002	0.003		248
1520.00	0.005	0.002	0.003		247
1522.00	0.005	0.002	0.003		244
1524.00	0.005	0.002	0.003		242
1526.00	0.005	0.002	0.003		239
1528.00	0.005	0.002	0.003		236
1530.00	0.005	0.002	0.003		232
1532.00	0.005	0.002	0.003		228
1534.00	0.005	0.002	0.003		224
1536.00	0.005	0.002	0.003		221
1538.00	0.005	0.002	0.003		219
1540.00	0.005	0.002	0.003		216
1542.00	0.005	0.002	0.003		214
1544.00	0.005	0.002	0.003		212
1546.00	0.005	0.002	0.003		210
1548.00	0.005	0.002	0.003		209
1550.00	0.005	0.002	0.003		207
1552.00	0.005	0.002	0.003		206
1554.00	0.005	0.002	0.003		205
1556.00	0.005	0.002	0.003		203
1558.00	0.005	0.002	0.003		202

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1560.00	0.005	0.002	0.003		201
1562.00	0.005	0.002	0.003		201
1564.00	0.005	0.002	0.003		200
1566.00	0.005	0.002	0.003		199
1568.00	0.005	0.002	0.003		198
1570.00	0.005	0.002	0.003		198
1572.00	0.005	0.002	0.003		197
1574.00	0.005	0.002	0.003		197
1576.00	0.005	0.002	0.003		196
1578.00	0.005	0.002	0.003		196
1580.00	0.005	0.002	0.003		196
1582.00	0.005	0.002	0.003		195
1584.00	0.005	0.002	0.003		195
1586.00	0.005	0.002	0.003		195
1588.00	0.005	0.002	0.003		194
1590.00	0.005	0.002	0.003		194
1592.00	0.005	0.002	0.003		194
1594.00	0.005	0.002	0.003		194
1596.00	0.005	0.002	0.003		194
1598.00	0.005	0.002	0.003		193
1600.00	0.005	0.002	0.003		193
1602.00	0.005	0.002	0.003		193
1604.00	0.005	0.002	0.003		193
1606.00	0.005	0.002	0.003		193
1608.00	0.005	0.002	0.003		193
1610.00	0.005	0.002	0.003		193
1612.00	0.005	0.002	0.003		193
1614.00	0.005	0.002	0.003		192
1616.00	0.005	0.002	0.003		192
1618.00	0.005	0.002	0.003		192
1620.00	0.005	0.002	0.003		192
1622.00	0.005	0.002	0.003		192
1624.00	0.005	0.002	0.003		192
1626.00	0.005	0.002	0.003		192
1628.00	0.005	0.002	0.003		192
1630.00	0.005	0.002	0.003		192
1632.00	0.005	0.002	0.003		192
1634.00	0.005	0.002	0.003		192
1636.00	0.005	0.002	0.003		192
1638.00	0.005	0.002	0.003		192
1640.00	0.005	0.002	0.003		192

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1642.00	0.005	0.002	0.003		192
1644.00	0.005	0.002	0.003		192
1646.00	0.005	0.002	0.003		192
1648.00	0.005	0.002	0.003		192
1650.00	0.005	0.002	0.003		192
1652.00	0.004	0.002	0.002		192
1654.00	0.004	0.002	0.002		191
1656.00	0.004	0.002	0.002		190
1658.00	0.004	0.002	0.002		189
1660.00	0.004	0.002	0.002		188
1662.00	0.004	0.002	0.002		186
1664.00	0.004	0.002	0.002		183
1666.00	0.004	0.002	0.002		180
1668.00	0.004	0.002	0.002		177
1670.00	0.004	0.002	0.002		174
1672.00	0.004	0.002	0.002		169
1674.00	0.004	0.002	0.002		166
1676.00	0.004	0.002	0.002		163
1678.00	0.004	0.002	0.002		161
1680.00	0.004	0.002	0.002		158
1682.00					155
1684.00					152
1686.00					148
1688.00					144
1690.00					139
1692.00					133
1694.00					126
1696.00					118
1698.00					111
1700.00					101
1702.00					90
1704.00					81
1706.00					74
1708.00					67
1710.00					62
1712.00					56
1714.00					51
1716.00					47
1718.00					42
1720.00					39
1722.00					35

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY WITH TUFF PILE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 11:21:01

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1724.00					32
1726.00					29
1728.00					26
1730.00					24
1732.00					21
1734.00					19
1736.00					18
1738.00					16
1740.00					14
1742.00					13
1744.00					12
1746.00					11
1748.00					10
1750.00					9
1752.00					8
1754.00					7
1756.00					6
1758.00					6
1760.00					5
1762.00					4
1764.00					4
1766.00					3
1768.00					3
1770.00					3
1772.00					2
1774.00					2
1776.00					2
1778.00					1
1780.00					1
1782.00					1
1784.00					1
1786.00					1
1788.00					1
1790.00					0
1792.00					0
1794.00					0
1796.00					0
1798.00					0
1800.00					0
1802.00					0

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

BASIN DATA

Basin Area= .24 square miles
Lag Time= .19 hours

LOSS DATA

Initial Loss= 0 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 28 hrs
Unit Duration= 2 min

VOLUME

Volume of Dgraph= 2404
Volume of Ugraph= 1.0016 in
Total Rainfall= 10.37698 in
Total Rainfall Excess= 8.697 in

Volume of Fgraph= 41777 cfs- 3.333333E-02 hr
or 115 ac-ft
or 8.994 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.00	0.004	0.002	0.002	107	0
4.00	0.004	0.002	0.002	224	1
6.00	0.004	0.002	0.002	409	2
8.00	0.004	0.002	0.002	514	3
10.00	0.004	0.002	0.002	784	5
12.00	0.004	0.002	0.002	482	6
14.00	0.004	0.002	0.002	373	7
16.00	0.004	0.002	0.002	327	8
18.00	0.004	0.002	0.002	272	8
20.00	0.004	0.002	0.002	222	9
22.00	0.004	0.002	0.002	181	9
24.00	0.004	0.002	0.002	146	9
26.00	0.004	0.002	0.002	117	10
28.00	0.004	0.002	0.002	94	10
30.00	0.004	0.002	0.002	77	10
32.00	0.004	0.002	0.002	64	10
34.00	0.004	0.002	0.002	54	10
36.00	0.004	0.002	0.002	46	10
38.00	0.004	0.002	0.002	38	11
40.00	0.004	0.002	0.002	31	11
42.00	0.004	0.002	0.002	25	11
44.00	0.004	0.002	0.002	19	11
46.00	0.004	0.002	0.002	15	11
48.00	0.004	0.002	0.002	11	11
50.00	0.004	0.002	0.002	8	11
52.00	0.004	0.002	0.002	6	11
54.00	0.004	0.002	0.002	4	11
56.00	0.005	0.002	0.003	4	11
58.00	0.005	0.002	0.003		11
60.00	0.005	0.002	0.003		12
62.00	0.005	0.002	0.003		12
64.00	0.005	0.002	0.003		13
66.00	0.005	0.002	0.003		13
68.00	0.005	0.002	0.003		14
70.00	0.005	0.002	0.003		14
72.00	0.005	0.002	0.003		14
74.00	0.005	0.002	0.003		15
76.00	0.005	0.002	0.003		15
78.00	0.005	0.002	0.003		15
80.00	0.005	0.002	0.003		15
82.00	0.005	0.002	0.003		15

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
84.00	0.005	0.002	0.003		15
86.00	0.005	0.002	0.003		15
88.00	0.005	0.002	0.003		15
90.00	0.005	0.002	0.003		15
92.00	0.005	0.002	0.003		15
94.00	0.005	0.002	0.003		15
96.00	0.005	0.002	0.003		15
98.00	0.005	0.002	0.003		15
100.00	0.005	0.002	0.003		15
102.00	0.005	0.002	0.003		15
104.00	0.005	0.002	0.003		15
106.00	0.005	0.002	0.003		16
108.00	0.005	0.002	0.003		16
110.00	0.005	0.002	0.003		16
112.00	0.005	0.002	0.003		16
114.00	0.005	0.002	0.003		16
116.00	0.005	0.002	0.003		16
118.00	0.005	0.002	0.003		16
120.00	0.005	0.002	0.003		16
122.00	0.005	0.002	0.003		16
124.00	0.005	0.002	0.003		16
126.00	0.005	0.002	0.003		16
128.00	0.005	0.002	0.003		16
130.00	0.005	0.002	0.003		16
132.00	0.005	0.002	0.003		16
134.00	0.005	0.002	0.003		16
136.00	0.005	0.002	0.003		16
138.00	0.005	0.002	0.003		16
140.00	0.005	0.002	0.003		16
142.00	0.005	0.002	0.003		16
144.00	0.005	0.002	0.003		16
146.00	0.005	0.002	0.003		16
148.00	0.005	0.002	0.003		16
150.00	0.005	0.002	0.003		16
152.00	0.005	0.002	0.003		16
154.00	0.005	0.002	0.003		16
156.00	0.005	0.002	0.003		16
158.00	0.005	0.002	0.003		16
160.00	0.005	0.002	0.003		16
162.00	0.005	0.002	0.003		16
164.00	0.005	0.002	0.003		16

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
166.00	0.005	0.002	0.003		16
168.00	0.005	0.002	0.003		16
170.00	0.005	0.002	0.003		16
172.00	0.005	0.002	0.003		16
174.00	0.005	0.002	0.003		16
176.00	0.005	0.002	0.003		16
178.00	0.005	0.002	0.003		16
180.00	0.005	0.002	0.003		16
182.00	0.005	0.002	0.003		16
184.00	0.005	0.002	0.003		16
186.00	0.005	0.002	0.003		16
188.00	0.005	0.002	0.003		16
190.00	0.005	0.002	0.003		16
192.00	0.005	0.002	0.003		16
194.00	0.005	0.002	0.003		16
196.00	0.005	0.002	0.003		16
198.00	0.005	0.002	0.003		16
200.00	0.005	0.002	0.003		16
202.00	0.005	0.002	0.003		16
204.00	0.005	0.002	0.003		16
206.00	0.005	0.002	0.003		16
208.00	0.005	0.002	0.003		16
210.00	0.005	0.002	0.003		16
212.00	0.005	0.002	0.003		16
214.00	0.005	0.002	0.003		16
216.00	0.005	0.002	0.003		16
218.00	0.005	0.002	0.003		16
220.00	0.005	0.002	0.003		16
222.00	0.005	0.002	0.003		16
224.00	0.005	0.002	0.003		16
226.00	0.005	0.002	0.003		16
228.00	0.005	0.002	0.003		16
230.00	0.005	0.002	0.003		16
232.00	0.005	0.002	0.003		16
234.00	0.005	0.002	0.003		16
236.00	0.005	0.002	0.003		16
238.00	0.005	0.002	0.003		16
240.00	0.005	0.002	0.003		16
242.00	0.005	0.002	0.003		16
244.00	0.005	0.002	0.003		16
246.00	0.005	0.002	0.003		16

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
248.00	0.005	0.002	0.003		16
250.00	0.005	0.002	0.003		16
252.00	0.005	0.002	0.003		16
254.00	0.005	0.002	0.003		16
256.00	0.005	0.002	0.003		16
258.00	0.005	0.002	0.003		16
260.00	0.005	0.002	0.003		16
262.00	0.005	0.002	0.003		16
264.00	0.005	0.002	0.003		16
266.00	0.005	0.002	0.003		16
268.00	0.005	0.002	0.003		16
270.00	0.005	0.002	0.003		16
272.00	0.005	0.002	0.003		16
274.00	0.005	0.002	0.003		16
276.00	0.005	0.002	0.003		16
278.00	0.005	0.002	0.003		16
280.00	0.005	0.002	0.003		16
282.00	0.005	0.002	0.003		16
284.00	0.005	0.002	0.003		16
286.00	0.005	0.002	0.003		16
288.00	0.005	0.002	0.003		16
290.00	0.005	0.002	0.003		16
292.00	0.005	0.002	0.003		16
294.00	0.005	0.002	0.003		16
296.00	0.005	0.002	0.003		16
298.00	0.005	0.002	0.003		16
300.00	0.005	0.002	0.003		16
302.00	0.005	0.002	0.003		16
304.00	0.005	0.002	0.003		16
306.00	0.005	0.002	0.003		16
308.00	0.005	0.002	0.003		16
310.00	0.005	0.002	0.003		16
312.00	0.005	0.002	0.003		16
314.00	0.005	0.002	0.003		16
316.00	0.005	0.002	0.003		16
318.00	0.005	0.002	0.003		16
320.00	0.005	0.002	0.003		16
322.00	0.005	0.002	0.003		16
324.00	0.005	0.002	0.003		16
326.00	0.005	0.002	0.003		16
328.00	0.005	0.002	0.003		16

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
330.00	0.005	0.002	0.003		16
332.00	0.005	0.002	0.003		16
334.00	0.005	0.002	0.003		16
336.00	0.005	0.002	0.003		16
338.00	0.006	0.002	0.004		16
340.00	0.006	0.002	0.004		16
342.00	0.006	0.002	0.004		16
344.00	0.006	0.002	0.004		17
346.00	0.006	0.002	0.004		18
348.00	0.006	0.002	0.004		18
350.00	0.006	0.002	0.004		18
352.00	0.006	0.002	0.004		19
354.00	0.006	0.002	0.004		19
356.00	0.006	0.002	0.004		19
358.00	0.006	0.002	0.004		19
360.00	0.006	0.002	0.004		20
362.00	0.006	0.002	0.004		20
364.00	0.006	0.002	0.004		20
366.00	0.006	0.002	0.004		20
368.00	0.006	0.002	0.004		20
370.00	0.006	0.002	0.004		20
372.00	0.006	0.002	0.004		20
374.00	0.006	0.002	0.004		20
376.00	0.006	0.002	0.004		20
378.00	0.006	0.002	0.004		20
380.00	0.006	0.002	0.004		20
382.00	0.006	0.002	0.004		20
384.00	0.006	0.002	0.004		20
386.00	0.006	0.002	0.004		20
388.00	0.006	0.002	0.004		20
390.00	0.006	0.002	0.004		20
392.00	0.006	0.002	0.004		20
394.00	0.006	0.002	0.004		20
396.00	0.006	0.002	0.004		20
398.00	0.006	0.002	0.004		20
400.00	0.006	0.002	0.004		20
402.00	0.006	0.002	0.004		20
404.00	0.006	0.002	0.004		20
406.00	0.006	0.002	0.004		20
408.00	0.006	0.002	0.004		20
410.00	0.006	0.002	0.004		20

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
412.00	0.006	0.002	0.004		20
414.00	0.006	0.002	0.004		20
416.00	0.006	0.002	0.004		20
418.00	0.006	0.002	0.004		20
420.00	0.006	0.002	0.004		20
422.00	0.006	0.002	0.004		20
424.00	0.006	0.002	0.004		20
426.00	0.006	0.002	0.004		20
428.00	0.006	0.002	0.004		20
430.00	0.006	0.002	0.004		20
432.00	0.006	0.002	0.004		20
434.00	0.006	0.002	0.004		20
436.00	0.006	0.002	0.004		20
438.00	0.006	0.002	0.004		20
440.00	0.006	0.002	0.004		20
442.00	0.006	0.002	0.004		20
444.00	0.006	0.002	0.004		20
446.00	0.006	0.002	0.004		20
448.00	0.006	0.002	0.004		20
450.00	0.006	0.002	0.004		20
452.00	0.006	0.002	0.004		20
454.00	0.006	0.002	0.004		20
456.00	0.006	0.002	0.004		20
458.00	0.006	0.002	0.004		20
460.00	0.006	0.002	0.004		20
462.00	0.006	0.002	0.004		20
464.00	0.006	0.002	0.004		20
466.00	0.006	0.002	0.004		20
468.00	0.006	0.002	0.004		20
470.00	0.006	0.002	0.004		20
472.00	0.006	0.002	0.004		20
474.00	0.006	0.002	0.004		20
476.00	0.006	0.002	0.004		20
478.00	0.006	0.002	0.004		20
480.00	0.006	0.002	0.004		20
482.00	0.006	0.002	0.004		20
484.00	0.006	0.002	0.004		20
486.00	0.006	0.002	0.004		20
488.00	0.006	0.002	0.004		20
490.00	0.006	0.002	0.004		20
492.00	0.006	0.002	0.004		20

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
494.00	0.006	0.002	0.004		20
496.00	0.007	0.002	0.005		20
498.00	0.007	0.002	0.005		20
500.00	0.007	0.002	0.005		21
502.00	0.007	0.002	0.005		21
504.00	0.007	0.002	0.005		22
506.00	0.007	0.002	0.005		23
508.00	0.007	0.002	0.005		23
510.00	0.007	0.002	0.005		23
512.00	0.007	0.002	0.005		24
514.00	0.007	0.002	0.005		24
516.00	0.007	0.002	0.005		24
518.00	0.007	0.002	0.005		24
520.00	0.007	0.002	0.005		24
522.00	0.007	0.002	0.005		24
524.00	0.007	0.002	0.005		24
526.00	0.007	0.002	0.005		25
528.00	0.007	0.002	0.005		25
530.00	0.007	0.002	0.005		25
532.00	0.007	0.002	0.005		25
534.00	0.007	0.002	0.005		25
536.00	0.007	0.002	0.005		25
538.00	0.007	0.002	0.005		25
540.00	0.007	0.002	0.005		25
542.00	0.007	0.002	0.005		25
544.00	0.007	0.002	0.005		25
546.00	0.007	0.002	0.005		25
548.00	0.007	0.002	0.005		25
550.00	0.007	0.002	0.005		25
552.00	0.007	0.002	0.005		25
554.00	0.007	0.002	0.005		25
556.00	0.007	0.002	0.005		25
558.00	0.007	0.002	0.005		25
560.00	0.007	0.002	0.005		25
562.00	0.007	0.002	0.005		25
564.00	0.007	0.002	0.005		25
566.00	0.007	0.002	0.005		25
568.00	0.007	0.002	0.005		25
570.00	0.007	0.002	0.005		25
572.00	0.008	0.002	0.006		25
574.00	0.008	0.002	0.006		25

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
576.00	0.008	0.002	0.006		26
578.00	0.008	0.002	0.006		26
580.00	0.008	0.002	0.006		27
582.00	0.008	0.002	0.006		27
584.00	0.008	0.002	0.006		28
586.00	0.008	0.002	0.006		28
588.00	0.008	0.002	0.006		28
590.00	0.008	0.002	0.006		29
592.00	0.008	0.002	0.006		29
594.00	0.008	0.002	0.006		29
596.00	0.008	0.002	0.006		29
598.00	0.008	0.002	0.006		29
600.00	0.008	0.002	0.006		29
602.00	0.008	0.002	0.006		29
604.00	0.008	0.002	0.006		29
606.00	0.008	0.002	0.006		29
608.00	0.008	0.002	0.006		29
610.00	0.008	0.002	0.006		29
612.00	0.008	0.002	0.006		29
614.00	0.008	0.002	0.006		29
616.00	0.008	0.002	0.006		29
618.00	0.008	0.002	0.006		29
620.00	0.008	0.002	0.006		29
622.00	0.008	0.002	0.006		29
624.00	0.008	0.002	0.006		29
626.00	0.008	0.002	0.006		29
628.00	0.009	0.002	0.007		30
630.00	0.009	0.002	0.007		30
632.00	0.009	0.002	0.007		30
634.00	0.009	0.002	0.007		31
636.00	0.009	0.002	0.007		32
638.00	0.009	0.002	0.007		32
640.00	0.009	0.002	0.007		32
642.00	0.009	0.002	0.007		33
644.00	0.009	0.002	0.007		33
646.00	0.009	0.002	0.007		33
648.00	0.009	0.002	0.007		33
650.00	0.009	0.002	0.007		34
652.00	0.009	0.002	0.007		34
654.00	0.009	0.002	0.007		34
656.00	0.009	0.002	0.007		34

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
658.00	0.009	0.002	0.007		34
660.00	0.009	0.002	0.007		34
662.00	0.009	0.002	0.007		34
664.00	0.009	0.002	0.007		34
666.00	0.009	0.002	0.007		34
668.00	0.009	0.002	0.007		34
670.00	0.009	0.002	0.007		34
672.00	0.009	0.002	0.007		34
674.00	0.009	0.002	0.007		34
676.00	0.009	0.002	0.007		34
678.00	0.009	0.002	0.007		34
680.00	0.010	0.002	0.008		34
682.00	0.010	0.002	0.008		34
684.00	0.010	0.002	0.008		35
686.00	0.010	0.002	0.008		35
688.00	0.010	0.002	0.008		36
690.00	0.010	0.002	0.008		37
692.00	0.010	0.002	0.008		37
694.00	0.010	0.002	0.008		37
696.00	0.010	0.002	0.008		38
698.00	0.010	0.002	0.008		38
700.00	0.010	0.002	0.008		38
702.00	0.010	0.002	0.008		38
704.00	0.010	0.002	0.008		38
706.00	0.010	0.002	0.008		38
708.00	0.010	0.002	0.008		38
710.00	0.010	0.002	0.008		39
712.00	0.010	0.002	0.008		39
714.00	0.010	0.002	0.008		39
716.00	0.010	0.002	0.008		39
718.00	0.010	0.002	0.008		39
720.00	0.010	0.002	0.008		39
722.00	0.010	0.002	0.008		39
724.00	0.010	0.002	0.008		39
726.00	0.010	0.002	0.008		39
728.00	0.010	0.002	0.008		39
730.00	0.010	0.002	0.008		39
732.00	0.010	0.002	0.008		39
734.00	0.010	0.002	0.008		39
736.00	0.011	0.002	0.009		39
738.00	0.011	0.002	0.009		39

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
740.00	0.011	0.002	0.009		40
742.00	0.011	0.002	0.009		40
744.00	0.011	0.002	0.009		41
746.00	0.011	0.002	0.009		41
748.00	0.011	0.002	0.009		42
750.00	0.011	0.002	0.009		42
752.00	0.011	0.002	0.009		42
754.00	0.011	0.002	0.009		42
756.00	0.011	0.002	0.009		43
758.00	0.011	0.002	0.009		43
760.00	0.011	0.002	0.009		43
762.00	0.011	0.002	0.009		43
764.00	0.011	0.002	0.009		43
766.00	0.011	0.002	0.009		43
768.00	0.011	0.002	0.009		43
770.00	0.011	0.002	0.009		43
772.00	0.011	0.002	0.009		43
774.00	0.011	0.002	0.009		43
776.00	0.011	0.002	0.009		43
778.00	0.011	0.002	0.009		43
780.00	0.011	0.002	0.009		43
782.00	0.011	0.002	0.009		43
784.00	0.011	0.002	0.009		43
786.00	0.011	0.002	0.009		43
788.00	0.011	0.002	0.009		43
790.00	0.011	0.002	0.009		43
792.00	0.011	0.002	0.009		43
794.00	0.011	0.002	0.009		43
796.00	0.011	0.002	0.009		43
798.00	0.012	0.002	0.010		44
800.00	0.012	0.002	0.010		44
802.00	0.012	0.002	0.010		44
804.00	0.012	0.002	0.010		45
806.00	0.012	0.002	0.010		45
808.00	0.012	0.002	0.010		46
810.00	0.012	0.002	0.010		46
812.00	0.012	0.002	0.010		47
814.00	0.012	0.002	0.010		47
816.00	0.012	0.002	0.010		47
818.00	0.012	0.002	0.010		47
820.00	0.012	0.002	0.010		47

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
822.00	0.012	0.002	0.010		48
824.00	0.012	0.002	0.010		48
826.00	0.012	0.002	0.010		48
828.00	0.012	0.002	0.010		48
830.00	0.012	0.002	0.010		48
832.00	0.012	0.002	0.010		48
834.00	0.012	0.002	0.010		48
836.00	0.012	0.002	0.010		48
838.00	0.012	0.002	0.010		48
840.00	0.012	0.002	0.010		48
842.00	0.012	0.002	0.010		48
844.00	0.012	0.002	0.010		48
846.00	0.012	0.002	0.010		48
848.00	0.012	0.002	0.010		48
850.00	0.012	0.002	0.010		48
852.00	0.012	0.002	0.010		48
854.00	0.012	0.002	0.010		48
856.00	0.012	0.002	0.010		48
858.00	0.012	0.002	0.010		48
860.00	0.012	0.002	0.010		48
862.00	0.012	0.002	0.010		48
864.00	0.012	0.002	0.010		48
866.00	0.012	0.002	0.010		48
868.00	0.013	0.002	0.011		48
870.00	0.013	0.002	0.011		48
872.00	0.013	0.002	0.011		49
874.00	0.013	0.002	0.011		49
876.00	0.013	0.002	0.011		50
878.00	0.013	0.002	0.011		51
880.00	0.013	0.002	0.011		51
882.00	0.013	0.002	0.011		51
884.00	0.013	0.002	0.011		52
886.00	0.013	0.002	0.011		52
888.00	0.013	0.002	0.011		52
890.00	0.013	0.002	0.011		52
892.00	0.013	0.002	0.011		52
894.00	0.013	0.002	0.011		52
896.00	0.013	0.002	0.011		52
898.00	0.013	0.002	0.011		52
900.00	0.013	0.002	0.011		53
902.00	0.013	0.002	0.011		53

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
904.00	0.013	0.002	0.011		53
906.00	0.013	0.002	0.011		53
908.00	0.013	0.002	0.011		53
910.00	0.013	0.002	0.011		53
912.00	0.013	0.002	0.011		53
914.00	0.013	0.002	0.011		53
916.00	0.013	0.002	0.011		53
918.00	0.013	0.002	0.011		53
920.00	0.013	0.002	0.011		53
922.00	0.013	0.002	0.011		53
924.00	0.014	0.002	0.012		53
926.00	0.014	0.002	0.012		53
928.00	0.014	0.002	0.012		53
930.00	0.014	0.002	0.012		54
932.00	0.014	0.002	0.012		55
934.00	0.014	0.002	0.012		55
936.00	0.014	0.002	0.012		56
938.00	0.014	0.002	0.012		56
940.00	0.014	0.002	0.012		56
942.00	0.014	0.002	0.012		56
944.00	0.014	0.002	0.012		57
946.00	0.014	0.002	0.012		57
948.00	0.014	0.002	0.012		57
950.00	0.014	0.002	0.012		57
952.00	0.014	0.002	0.012		57
954.00	0.014	0.002	0.012		57
956.00	0.015	0.002	0.013		57
958.00	0.015	0.002	0.013		58
960.00	0.015	0.002	0.013		58
962.00	0.015	0.002	0.013		59
964.00	0.015	0.002	0.013		59
966.00	0.015	0.002	0.013		60
968.00	0.015	0.002	0.013		60
970.00	0.015	0.002	0.013		61
972.00	0.016	0.002	0.014		61
974.00	0.016	0.002	0.014		61
976.00	0.016	0.002	0.014		62
978.00	0.016	0.002	0.014		63
980.00	0.017	0.002	0.015		64
982.00	0.017	0.002	0.015		65
984.00	0.017	0.002	0.015		65

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
986.00	0.017	0.002	0.015		66
988.00	0.018	0.002	0.016		67
990.00	0.018	0.002	0.016		68
992.00	0.019	0.002	0.017		70
994.00	0.019	0.002	0.017		71
996.00	0.020	0.002	0.018		73
998.00	0.020	0.002	0.018		74
1000.00	0.021	0.002	0.019		76
1002.00	0.021	0.002	0.019		78
1004.00	0.022	0.002	0.020		80
1006.00	0.022	0.002	0.020		82
1008.00	0.023	0.002	0.021		84
1010.00	0.023	0.002	0.021		86
1012.00	0.024	0.002	0.022		88
1014.00	0.024	0.002	0.022		90
1016.00	0.025	0.002	0.023		93
1018.00	0.026	0.002	0.024		95
1020.00	0.027	0.002	0.025		98
1022.00	0.027	0.002	0.025		100
1024.00	0.028	0.002	0.026		103
1026.00	0.029	0.002	0.027		106
1028.00	0.030	0.002	0.028		109
1030.00	0.030	0.002	0.028		112
1032.00	0.031	0.002	0.029		116
1034.00	0.032	0.002	0.030		119
1036.00	0.033	0.002	0.031		122
1038.00	0.034	0.002	0.032		126
1040.00	0.035	0.002	0.033		129
1042.00	0.036	0.002	0.034		133
1044.00	0.037	0.002	0.035		137
1046.00	0.038	0.002	0.036		141
1048.00	0.039	0.002	0.037		146
1050.00	0.040	0.002	0.038		150
1052.00	0.041	0.002	0.039		154
1054.00	0.042	0.002	0.040		159
1056.00	0.043	0.002	0.041		163
1058.00	0.044	0.002	0.042		168
1060.00	0.046	0.002	0.044		172
1062.00	0.046	0.002	0.044		177
1064.00	0.048	0.002	0.046		182
1066.00	0.049	0.002	0.047		187

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1068.00	0.050	0.002	0.048		192
1070.00	0.051	0.002	0.049		197
1072.00	0.053	0.002	0.051		202
1074.00	0.054	0.002	0.052		208
1076.00	0.055	0.002	0.053		213
1078.00	0.056	0.002	0.054		218
1080.00	0.058	0.002	0.056		224
1082.00	0.059	0.002	0.057		230
1084.00	0.061	0.002	0.059		235
1086.00	0.062	0.002	0.060		241
1088.00	0.064	0.002	0.062		248
1090.00	0.065	0.002	0.063		254
1092.00	0.067	0.002	0.065		260
1094.00	0.068	0.002	0.066		267
1096.00	0.070	0.002	0.068		273
1098.00	0.071	0.002	0.069		280
1100.00	0.073	0.002	0.071		287
1102.00	0.074	0.002	0.072		294
1104.00	0.076	0.002	0.074		301
1106.00	0.077	0.002	0.075		307
1108.00	0.079	0.002	0.077		314
1110.00	0.081	0.002	0.079		321
1112.00	0.083	0.002	0.081		328
1114.00	0.084	0.002	0.082		336
1116.00	0.086	0.002	0.084		343
1118.00	0.088	0.002	0.086		351
1120.00	0.089	0.002	0.087		359
1122.00	0.085	0.002	0.083		366
1124.00	0.082	0.002	0.080		371
1126.00	0.078	0.002	0.076		375
1128.00	0.075	0.002	0.073		376
1130.00	0.072	0.002	0.070		373
1132.00	0.069	0.002	0.067		368
1134.00	0.066	0.002	0.064		360
1136.00	0.063	0.002	0.061		352
1138.00	0.060	0.002	0.058		343
1140.00	0.057	0.002	0.055		333
1142.00	0.055	0.002	0.053		322
1144.00	0.052	0.002	0.050		311
1146.00	0.050	0.002	0.048		299
1148.00	0.047	0.002	0.045		288

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1150.00	0.045	0.002	0.043		276
1152.00	0.043	0.002	0.041		265
1154.00	0.040	0.002	0.038		253
1156.00	0.038	0.002	0.036		242
1158.00	0.036	0.002	0.034		231
1160.00	0.034	0.002	0.032		220
1162.00	0.033	0.002	0.031		208
1164.00	0.031	0.002	0.029		198
1166.00	0.029	0.002	0.027		188
1168.00	0.028	0.002	0.026		178
1170.00	0.026	0.002	0.024		169
1172.00	0.025	0.002	0.023		160
1174.00	0.024	0.002	0.022		152
1176.00	0.022	0.002	0.020		144
1178.00	0.021	0.002	0.019		136
1180.00	0.020	0.002	0.018		128
1182.00	0.019	0.002	0.017		121
1184.00	0.018	0.002	0.016		114
1186.00	0.018	0.002	0.016		108
1188.00	0.017	0.002	0.015		102
1190.00	0.016	0.002	0.014		97
1192.00	0.016	0.002	0.014		92
1194.00	0.015	0.002	0.013		88
1196.00	0.015	0.002	0.013		83
1198.00	0.015	0.002	0.013		80
1200.00	0.015	0.002	0.013		76
1202.00	0.014	0.002	0.012		73
1204.00	0.014	0.002	0.012		71
1206.00	0.014	0.002	0.012		69
1208.00	0.014	0.002	0.012		67
1210.00	0.014	0.002	0.012		65
1212.00	0.014	0.002	0.012		63
1214.00	0.014	0.002	0.012		62
1216.00	0.014	0.002	0.012		61
1218.00	0.014	0.002	0.012		60
1220.00	0.013	0.002	0.011		60
1222.00	0.013	0.002	0.011		59
1224.00	0.013	0.002	0.011		58
1226.00	0.013	0.002	0.011		57
1228.00	0.013	0.002	0.011		56
1230.00	0.013	0.002	0.011		55

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1232.00	0.013	0.002	0.011		55
1234.00	0.013	0.002	0.011		55
1236.00	0.013	0.002	0.011		54
1238.00	0.013	0.002	0.011		54
1240.00	0.013	0.002	0.011		54
1242.00	0.013	0.002	0.011		53
1244.00	0.013	0.002	0.011		53
1246.00	0.013	0.002	0.011		53
1248.00	0.012	0.002	0.010		53
1250.00	0.012	0.002	0.010		53
1252.00	0.012	0.002	0.010		52
1254.00	0.012	0.002	0.010		52
1256.00	0.012	0.002	0.010		51
1258.00	0.012	0.002	0.010		50
1260.00	0.012	0.002	0.010		50
1262.00	0.012	0.002	0.010		50
1264.00	0.012	0.002	0.010		49
1266.00	0.012	0.002	0.010		49
1268.00	0.012	0.002	0.010		49
1270.00	0.012	0.002	0.010		49
1272.00	0.012	0.002	0.010		49
1274.00	0.012	0.002	0.010		48
1276.00	0.012	0.002	0.010		48
1278.00	0.012	0.002	0.010		48
1280.00	0.012	0.002	0.010		48
1282.00	0.011	0.002	0.009		48
1284.00	0.011	0.002	0.009		48
1286.00	0.011	0.002	0.009		47
1288.00	0.011	0.002	0.009		47
1290.00	0.011	0.002	0.009		46
1292.00	0.011	0.002	0.009		46
1294.00	0.011	0.002	0.009		45
1296.00	0.011	0.002	0.009		45
1298.00	0.011	0.002	0.009		45
1300.00	0.011	0.002	0.009		44
1302.00	0.011	0.002	0.009		44
1304.00	0.011	0.002	0.009		44
1306.00	0.011	0.002	0.009		44
1308.00	0.011	0.002	0.009		44
1310.00	0.011	0.002	0.009		44
1312.00	0.010	0.002	0.008		44

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1314.00	0.010	0.002	0.008		43
1316.00	0.010	0.002	0.008		43
1318.00	0.010	0.002	0.008		42
1320.00	0.010	0.002	0.008		41
1322.00	0.010	0.002	0.008		41
1324.00	0.010	0.002	0.008		41
1326.00	0.010	0.002	0.008		40
1328.00	0.010	0.002	0.008		40
1330.00	0.010	0.002	0.008		40
1332.00	0.010	0.002	0.008		40
1334.00	0.010	0.002	0.008		39
1336.00	0.010	0.002	0.008		39
1338.00	0.010	0.002	0.008		39
1340.00	0.009	0.002	0.007		39
1342.00	0.009	0.002	0.007		39
1344.00	0.009	0.002	0.007		38
1346.00	0.009	0.002	0.007		38
1348.00	0.009	0.002	0.007		37
1350.00	0.009	0.002	0.007		36
1352.00	0.009	0.002	0.007		36
1354.00	0.009	0.002	0.007		36
1356.00	0.009	0.002	0.007		35
1358.00	0.009	0.002	0.007		35
1360.00	0.009	0.002	0.007		35
1362.00	0.009	0.002	0.007		35
1364.00	0.009	0.002	0.007		35
1366.00	0.008	0.002	0.006		34
1368.00	0.008	0.002	0.006		34
1370.00	0.008	0.002	0.006		34
1372.00	0.008	0.002	0.006		33
1374.00	0.008	0.002	0.006		32
1376.00	0.008	0.002	0.006		32
1378.00	0.008	0.002	0.006		31
1380.00	0.008	0.002	0.006		31
1382.00	0.008	0.002	0.006		31
1384.00	0.008	0.002	0.006		30
1386.00	0.008	0.002	0.006		30
1388.00	0.008	0.002	0.006		30
1390.00	0.008	0.002	0.006		30
1392.00	0.008	0.002	0.006		30
1394.00	0.008	0.002	0.006		30

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1396.00	0.007	0.002	0.005		30
1398.00	0.007	0.002	0.005		29
1400.00	0.007	0.002	0.005		29
1402.00	0.007	0.002	0.005		28
1404.00	0.007	0.002	0.005		28
1406.00	0.007	0.002	0.005		27
1408.00	0.007	0.002	0.005		27
1410.00	0.007	0.002	0.005		26
1412.00	0.007	0.002	0.005		26
1414.00	0.007	0.002	0.005		26
1416.00	0.007	0.002	0.005		26
1418.00	0.007	0.002	0.005		25
1420.00	0.007	0.002	0.005		25
1422.00	0.007	0.002	0.005		25
1424.00	0.007	0.002	0.005		25
1426.00	0.007	0.002	0.005		25
1428.00	0.007	0.002	0.005		25
1430.00	0.007	0.002	0.005		25
1432.00	0.007	0.002	0.005		25
1434.00	0.006	0.002	0.004		25
1436.00	0.006	0.002	0.004		25
1438.00	0.006	0.002	0.004		24
1440.00	0.006	0.002	0.004		24
1442.00	0.006	0.002	0.004		23
1444.00	0.006	0.002	0.004		22
1446.00	0.006	0.002	0.004		22
1448.00	0.006	0.002	0.004		22
1450.00	0.006	0.002	0.004		21
1452.00	0.006	0.002	0.004		21
1454.00	0.006	0.002	0.004		21
1456.00	0.006	0.002	0.004		21
1458.00	0.006	0.002	0.004		21
1460.00	0.006	0.002	0.004		21
1462.00	0.006	0.002	0.004		20
1464.00	0.006	0.002	0.004		20
1466.00	0.006	0.002	0.004		20
1468.00	0.006	0.002	0.004		20
1470.00	0.006	0.002	0.004		20
1472.00	0.006	0.002	0.004		20
1474.00	0.006	0.002	0.004		20
1476.00	0.006	0.002	0.004		20

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1478.00	0.006	0.002	0.004		20
1480.00	0.006	0.002	0.004		20
1482.00	0.006	0.002	0.004		20
1484.00	0.006	0.002	0.004		20
1486.00	0.006	0.002	0.004		20
1488.00	0.006	0.002	0.004		20
1490.00	0.006	0.002	0.004		20
1492.00	0.006	0.002	0.004		20
1494.00	0.006	0.002	0.004		20
1496.00	0.006	0.002	0.004		20
1498.00	0.006	0.002	0.004		20
1500.00	0.006	0.002	0.004		20
1502.00	0.006	0.002	0.004		20
1504.00	0.006	0.002	0.004		20
1506.00	0.006	0.002	0.004		20
1508.00	0.006	0.002	0.004		20
1510.00	0.006	0.002	0.004		20
1512.00	0.005	0.002	0.003		20
1514.00	0.005	0.002	0.003		20
1516.00	0.005	0.002	0.003		19
1518.00	0.005	0.002	0.003		19
1520.00	0.005	0.002	0.003		18
1522.00	0.005	0.002	0.003		18
1524.00	0.005	0.002	0.003		17
1526.00	0.005	0.002	0.003		17
1528.00	0.005	0.002	0.003		17
1530.00	0.005	0.002	0.003		16
1532.00	0.005	0.002	0.003		16
1534.00	0.005	0.002	0.003		16
1536.00	0.005	0.002	0.003		16
1538.00	0.005	0.002	0.003		16
1540.00	0.005	0.002	0.003		16
1542.00	0.005	0.002	0.003		16
1544.00	0.005	0.002	0.003		16
1546.00	0.005	0.002	0.003		16
1548.00	0.005	0.002	0.003		16
1550.00	0.005	0.002	0.003		16
1552.00	0.005	0.002	0.003		16
1554.00	0.005	0.002	0.003		16
1556.00	0.005	0.002	0.003		16
1558.00	0.005	0.002	0.003		16

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1560.00	0.005	0.002	0.003		16
1562.00	0.005	0.002	0.003		16
1564.00	0.005	0.002	0.003		16
1566.00	0.005	0.002	0.003		16
1568.00	0.005	0.002	0.003		16
1570.00	0.005	0.002	0.003		16
1572.00	0.005	0.002	0.003		16
1574.00	0.005	0.002	0.003		16
1576.00	0.005	0.002	0.003		16
1578.00	0.005	0.002	0.003		16
1580.00	0.005	0.002	0.003		16
1582.00	0.005	0.002	0.003		16
1584.00	0.005	0.002	0.003		16
1586.00	0.005	0.002	0.003		16
1588.00	0.005	0.002	0.003		16
1590.00	0.005	0.002	0.003		16
1592.00	0.005	0.002	0.003		16
1594.00	0.005	0.002	0.003		16
1596.00	0.005	0.002	0.003		16
1598.00	0.005	0.002	0.003		16
1600.00	0.005	0.002	0.003		16
1602.00	0.005	0.002	0.003		16
1604.00	0.005	0.002	0.003		16
1606.00	0.005	0.002	0.003		16
1608.00	0.005	0.002	0.003		16
1610.00	0.005	0.002	0.003		16
1612.00	0.005	0.002	0.003		16
1614.00	0.005	0.002	0.003		16
1616.00	0.005	0.002	0.003		16
1618.00	0.005	0.002	0.003		16
1620.00	0.005	0.002	0.003		16
1622.00	0.005	0.002	0.003		16
1624.00	0.005	0.002	0.003		16
1626.00	0.005	0.002	0.003		16
1628.00	0.005	0.002	0.003		16
1630.00	0.005	0.002	0.003		16
1632.00	0.005	0.002	0.003		16
1634.00	0.005	0.002	0.003		16
1636.00	0.005	0.002	0.003		16
1638.00	0.005	0.002	0.003		16
1640.00	0.005	0.002	0.003		16

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1642.00	0.005	0.002	0.003		16
1644.00	0.005	0.002	0.003		16
1646.00	0.005	0.002	0.003		16
1648.00	0.005	0.002	0.003		16
1650.00	0.005	0.002	0.003		16
1652.00	0.004	0.002	0.002		15
1654.00	0.004	0.002	0.002		15
1656.00	0.004	0.002	0.002		15
1658.00	0.004	0.002	0.002		14
1660.00	0.004	0.002	0.002		13
1662.00	0.004	0.002	0.002		13
1664.00	0.004	0.002	0.002		13
1666.00	0.004	0.002	0.002		12
1668.00	0.004	0.002	0.002		12
1670.00	0.004	0.002	0.002		12
1672.00	0.004	0.002	0.002		12
1674.00	0.004	0.002	0.002		11
1676.00	0.004	0.002	0.002		11
1678.00	0.004	0.002	0.002		11
1680.00	0.004	0.002	0.002		11
1682.00					11
1684.00					10
1686.00					9
1688.00					8
1690.00					6
1692.00					5
1694.00					4
1696.00					3
1698.00					3
1700.00					2
1702.00					2
1704.00					1
1706.00					1
1708.00					1
1710.00					1
1712.00					1
1714.00					0
1716.00					0
1718.00					0
1720.00					0
1722.00					0

NEVADA TEST SITE PMF STUDY
CENTRAL SURFACE FACILITY EAST ARM
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:09:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1724.00					0
1726.00					0
1728.00					0
1730.00					0
1732.00					0
1734.00					0

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 32
VersNo= 751.3 Page 1

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-26-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
2	1.4	0.2				1.7
4	3.3	0.8				4.1
6	6.0	1.7				7.7
8	9.8	2.9				12.7
10	14.9	4.8				19.6
12	21.6	5.9				27.5
14	29.9	6.8				36.7
16	39.1	7.5				46.6
18	49.0	8.1				57.1
20	60.8	8.7				69.5
22	75.8	9.1				84.9
24	88.0	9.4				97.4
26	97.5	9.7				107.2
28	105.7	9.9				115.7
30	113.1	10.1				123.2
32	119.9	10.2				130.2
34	126.4	10.4				136.8
36	132.5	10.5				142.9
38	138.0	10.6				148.6
40	143.1	10.6				153.8
42	147.8	10.7				158.5
44	152.0	10.7				162.8
46	155.9	10.8				166.6
48	159.4	10.8				170.2
50	162.6	10.8				173.4
52	165.4	10.8				176.3
54	168.1	10.9				178.9
56	171.0	11.0				182.0
58	174.0	11.2				185.2
60	177.1	11.6				188.7
62	180.5	12.1				192.6
64	184.2	12.9				197.1
66	188.6	13.4				202.0
68	193.5	13.8				207.3
70	198.7	14.1				212.8
72	204.1	14.4				218.4
74	210.2	14.6				224.8
76	217.6	14.8				232.4
78	223.8	14.9				238.7
80	228.7	15.0				243.7

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 32
VersNo= 751.3 Page 2

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
82	233.0	15.1				248.1
84	236.8	15.2				252.0
86	240.4	15.3				255.7
88	243.8	15.3				259.1
90	246.9	15.4				262.3
92	249.8	15.4				265.2
94	252.4	15.4				267.8
96	254.8	15.4				270.3
98	257.0	15.5				272.4
100	258.9	15.5				274.4
102	260.7	15.5				276.2
104	262.3	15.5				277.8
106	263.7	15.5				279.3
108	265.0	15.5				280.6
110	266.2	15.5				281.7
112	267.3	15.5				282.8
114	268.2	15.5				283.7
116	269.1	15.5				284.6
118	269.8	15.5				285.4
120	270.5	15.5				286.1
122	271.2	15.5				286.7
124	271.8	15.5				287.3
126	272.3	15.5				287.8
128	272.7	15.5				288.3
130	273.2	15.5				288.7
132	273.6	15.5				289.1
134	273.9	15.5				289.4
136	274.3	15.5				289.8
138	274.6	15.5				290.1
140	274.8	15.5				290.4
142	275.1	15.5				290.6
144	275.3	15.5				290.8
146	275.5	15.5				291.1
148	275.7	15.5				291.2
150	275.9	15.5				291.4
152	276.0	15.5				291.6
154	276.2	15.5				291.7
156	276.3	15.5				291.8
158	276.4	15.5				291.9
160	276.5	15.5				292.0

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 32
VersNo= 751.3 Page 3

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
162	276.6	15.5				292.1
164	276.6	15.5				292.1
166	276.7	15.5				292.2
168	276.7	15.5				292.2
170	276.8	15.5				292.3
172	276.8	15.5				292.3
174	276.8	15.5				292.4
176	276.9	15.5				292.4
178	276.9	15.5				292.4
180	276.9	15.5				292.4
182	276.9	15.5				292.4
184	276.9	15.5				292.4
186	276.9	15.5				292.4
188	276.9	15.5				292.4
190	276.9	15.5				292.4
192	276.9	15.5				292.4
194	276.9	15.5				292.4
196	276.9	15.5				292.4
198	276.9	15.5				292.4
200	276.9	15.5				292.4
202	276.9	15.5				292.4
204	276.9	15.5				292.4
206	276.9	15.5				292.4
208	276.9	15.5				292.4
210	276.9	15.5				292.4
212	276.9	15.5				292.4
214	276.9	15.5				292.4
216	276.9	15.5				292.4
218	276.9	15.5				292.4
220	276.9	15.5				292.4
222	276.9	15.5				292.4
224	276.9	15.5				292.4
226	276.9	15.5				292.4
228	276.9	15.5				292.4
230	276.9	15.5				292.4
232	276.9	15.5				292.4
234	276.9	15.5				292.4
236	276.9	15.5				292.4
238	276.9	15.5				292.4
240	276.9	15.5				292.4

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS .Table 32
VersNo= 751.3 Page 4

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-26-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
242	276.9	15.5				292.4
244	276.9	15.5				292.4
246	276.9	15.5				292.4
248	276.9	15.5				292.4
250	276.9	15.5				292.4
252	276.9	15.5				292.4
254	276.9	15.5				292.4
256	276.9	15.5				292.4
258	276.9	15.5				292.4
260	276.9	15.5				292.4
262	276.9	15.5				292.4
264	276.9	15.5				292.4
266	276.9	15.5				292.4
268	276.9	15.5				292.4
270	276.9	15.5				292.4
272	276.9	15.5				292.4
274	276.9	15.5				292.4
276	276.9	15.5				292.4
278	276.9	15.5				292.4
280	276.9	15.5				292.4
282	276.9	15.5				292.4
284	276.9	15.5				292.4
286	276.9	15.5				292.4
288	276.9	15.5				292.4
290	276.9	15.5				292.4
292	276.9	15.5				292.4
294	276.9	15.5				292.4
296	276.9	15.5				292.4
298	276.9	15.5				292.4
300	276.9	15.5				292.4
302	276.9	15.5				292.4
304	276.9	15.5				292.4
306	276.9	15.5				292.4
308	276.9	15.5				292.4
310	276.9	15.5				292.4
312	276.9	15.5				292.4
314	276.9	15.5				292.4
316	276.9	15.5				292.4
318	276.9	15.5				292.4
320	276.9	15.5				292.4

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
322	276.9	15.5				292.4
324	276.9	15.5				292.4
326	276.9	15.5				292.4
328	276.9	15.5				292.4
330	276.9	15.5				292.4
332	276.9	15.5				292.4
334	276.9	15.5				292.4
336	276.9	15.5				292.4
338	277.5	15.6				293.1
340	278.3	15.8				294.2
342	279.5	16.3				295.7
344	281.1	16.8				297.9
346	283.3	17.6				300.8
348	286.2	18.0				304.2
350	289.7	18.4				308.1
352	293.7	18.7				312.4
354	297.9	19.0				316.9
356	303.0	19.2				322.2
358	309.4	19.4				328.8
360	314.6	19.6				334.2
362	318.7	19.7				338.4
364	322.2	19.8				342.0
366	325.4	19.8				345.2
368	328.3	19.9				348.2
370	331.1	20.0				351.0
372	333.7	20.0				353.7
374	336.1	20.0				356.1
376	338.2	20.1				358.3
378	340.2	20.1				360.3
380	342.0	20.1				362.2
382	343.7	20.1				363.8
384	345.2	20.1				365.3
386	346.6	20.2				366.7
388	347.8	20.2				368.0
390	348.9	20.2				369.1
392	349.9	20.2				370.1
394	350.9	20.2				371.0
396	351.7	20.2				371.9
398	352.4	20.2				372.6
400	353.1	20.2				373.3

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 32
VersNo= 751.3 Page 6

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-26-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1)	INTER-VENING cfs (NEVGB3)	( )	( )	( )	COMBINED cfs)
402	353.8	20.2				373.9
404	354.3	20.2				374.5
406	354.9	20.2				375.0
408	355.4	20.2				375.5
410	355.8	20.2				376.0
412	356.2	20.2				376.4
414	356.6	20.2				376.8
416	357.0	20.2				377.2
418	357.3	20.2				377.5
420	357.6	20.2				377.8
422	357.9	20.2				378.1
424	358.2	20.2				378.3
426	358.4	20.2				378.6
428	358.6	20.2				378.8
430	358.8	20.2				379.0
432	359.0	20.2				379.1
434	359.1	20.2				379.3
436	359.2	20.2				379.4
438	359.4	20.2				379.5
440	359.5	20.2				379.6
442	359.6	20.2				379.7
444	359.6	20.2				379.8
446	359.7	20.2				379.9
448	359.8	20.2				379.9
450	359.8	20.2				380.0
452	359.8	20.2				380.0
454	359.9	20.2				380.0
456	359.9	20.2				380.1
458	359.9	20.2				380.1
460	360.0	20.2				380.1
462	360.0	20.2				380.1
464	360.0	20.2				380.1
466	360.0	20.2				380.1
468	360.0	20.2				380.1
470	360.0	20.2				380.1
472	360.0	20.2				380.1
474	360.0	20.2				380.1
476	360.0	20.2				380.1
478	360.0	20.2				380.1
480	360.0	20.2				380.1

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 32
VersNo= 751.3 Page 7

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1)	INTER-VENING cfs (NEVGB3)	( )	( )	( )	COMBINED cfs)
482	360.0	20.2				380.1
484	360.0	20.2				380.1
486	360.0	20.2				380.1
488	360.0	20.2				380.1
490	360.0	20.2				380.1
492	360.0	20.2				380.1
494	360.0	20.2				380.1
496	360.6	20.3				380.9
498	361.4	20.5				381.9
500	362.6	20.9				383.5
502	364.2	21.4				385.6
504	366.4	22.2				388.6
506	369.3	22.7				391.9
508	372.8	23.1				395.9
510	376.7	23.4				400.1
512	381.0	23.7				404.6
514	386.1	23.9				409.9
516	392.5	24.1				416.5
518	397.7	24.2				421.9
520	401.8	24.3				426.1
522	405.3	24.4				429.7
524	408.4	24.5				432.9
526	411.4	24.6				435.9
528	414.1	24.6				438.8
530	416.7	24.7				441.4
532	419.1	24.7				443.8
534	421.3	24.7				446.0
536	423.3	24.8				448.1
538	425.1	24.8				449.9
540	426.8	24.8				451.6
542	428.3	24.8				453.1
544	429.6	24.8				454.4
546	430.9	24.8				455.7
548	432.0	24.8				456.8
550	433.0	24.8				457.8
552	433.9	24.8				458.8
554	434.8	24.8				459.6
556	435.5	24.8				460.3
558	436.2	24.8				461.0
560	436.8	24.8				461.7

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 32
VersNo= 751.3 Page 8

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
562	437.4	24.8				462.2
564	437.9	24.8				462.8
566	438.4	24.8				463.3
568	438.9	24.8				463.7
570	439.3	24.8				464.1
572	440.3	24.9				465.2
574	441.5	25.2				466.6
576	443.0	25.6				468.5
578	444.9	26.1				471.0
580	447.4	26.9				474.2
582	450.5	27.3				477.9
584	454.3	27.7				482.0
586	458.4	28.0				486.5
588	462.9	28.3				491.2
590	468.1	28.5				496.6
592	474.7	28.7				503.4
594	480.0	28.9				508.9
596	484.2	29.0				513.2
598	487.9	29.1				516.9
600	491.1	29.1				520.2
602	494.1	29.2				523.3
604	496.9	29.3				526.2
606	499.6	29.3				528.9
608	502.0	29.4				531.4
610	504.3	29.4				533.6
612	506.3	29.4				535.7
614	508.1	29.4				537.6
616	509.8	29.4				539.3
618	511.3	29.5				540.8
620	512.7	29.5				542.2
622	514.0	29.5				543.4
624	515.1	29.5				544.5
626	516.1	29.5				545.6
628	517.6	29.6				547.2
630	519.3	29.8				549.1
632	521.2	30.2				551.4
634	523.5	30.7				554.2
636	526.3	31.5				557.8
638	529.8	32.0				561.8
640	533.8	32.4				566.2

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 32
VersNo= 751.3 Page 9

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
642	538.3	32.7				571.0
644	543.0	33.0				575.9
646	548.5	33.2				581.7
648	555.3	33.4				588.6
650	560.9	33.5				594.4
652	565.3	33.6				598.9
654	569.1	33.7				602.8
656	572.5	33.8				606.3
658	575.7	33.9				609.6
660	578.7	33.9				612.6
662	581.5	34.0				615.5
664	584.1	34.0				618.1
666	586.4	34.0				620.5
668	588.6	34.1				622.6
670	590.5	34.1				624.6
672	592.3	34.1				626.4
674	593.9	34.1				628.0
676	595.4	34.1				629.5
678	596.7	34.1				630.8
680	598.5	34.2				632.7
682	600.4	34.5				634.8
684	602.5	34.9				637.3
686	605.0	35.4				640.3
688	607.9	36.2				644.1
690	611.6	36.6				648.2
692	615.8	37.0				652.8
694	620.3	37.3				657.7
696	625.1	37.6				662.7
698	630.7	37.8				668.5
700	637.5	38.0				675.5
702	643.2	38.2				681.3
704	647.7	38.3				685.9
706	651.5	38.4				689.9
708	655.0	38.5				693.5
710	658.3	38.5				696.8
712	661.3	38.6				699.9
714	664.2	38.6				702.8
716	666.8	38.7				705.4
718	669.2	38.7				707.9
720	671.3	38.7				710.1

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1)	INTER-VENING cfs (NEVGB3)	( )	( )	( )	COMBINED cfs)
722	673.3	38.7				712.1
724	675.1	38.7				713.9
726	676.8	38.8				715.5
728	678.2	38.8				717.0
730	679.6	38.8				718.4
732	680.8	38.8				719.6
734	681.9	38.8				720.7
736	683.5	38.9				722.4
738	685.2	39.1				724.3
740	687.1	39.5				726.7
742	689.5	40.0				729.5
744	692.3	40.6				733.1
746	695.8	41.3				737.1
748	700.0	41.7				741.6
750	704.4	42.0				746.4
752	709.1	42.3				751.4
754	714.6	42.5				757.1
756	721.4	42.7				764.1
758	727.0	42.8				769.8
760	731.4	42.9				774.4
762	735.2	43.0				778.3
764	738.7	43.1				781.8
766	741.9	43.2				785.0
768	744.9	43.2				788.1
770	747.7	43.3				790.9
772	750.2	43.3				793.6
774	752.6	43.3				795.9
776	754.7	43.4				798.1
778	756.7	43.4				800.1
780	758.4	43.4				801.8
782	760.0	43.4				803.5
784	761.5	43.4				804.9
786	762.8	43.4				806.2
788	764.0	43.4				807.4
790	765.1	43.4				808.5
792	766.0	43.4				809.5
794	766.9	43.4				810.4
796	767.7	43.4				811.1
798	769.0	43.5				812.6
800	770.5	43.8				814.3

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-26-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
802	772.3	44.2				816.4
804	774.4	44.7				819.1
806	777.1	45.5				822.6
808	780.5	46.0				826.4
810	784.4	46.3				830.8
812	788.8	46.7				835.4
814	793.4	46.9				840.3
816	798.8	47.1				845.9
818	805.5	47.3				852.8
820	811.0	47.5				858.5
822	815.3	47.6				862.9
824	819.1	47.7				866.8
826	822.4	47.8				870.2
828	825.6	47.8				873.4
830	828.5	47.9				876.4
832	831.2	47.9				879.2
834	833.8	48.0				881.7
836	836.1	48.0				884.1
838	838.2	48.0				886.2
840	840.1	48.0				888.1
842	841.8	48.1				889.8
844	843.4	48.1				891.4
846	844.8	48.1				892.8
848	846.1	48.1				894.1
850	847.2	48.1				895.3
852	848.3	48.1				896.4
854	849.2	48.1				897.3
856	850.1	48.1				898.2
858	850.9	48.1				899.0
860	851.6	48.1				899.7
862	852.2	48.1				900.3
864	852.8	48.1				900.9
866	853.3	48.1				901.4
868	854.4	48.2				902.6
870	855.7	48.4				904.1
872	857.2	48.8				906.1
874	859.2	49.3				908.6
876	861.8	50.1				911.9
878	865.0	50.6				915.7
880	868.9	51.0				919.9

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
882	873.1	51.3				924.4
884	877.6	51.6				929.2
886	882.9	51.8				934.7
888	889.5	52.0				941.5
890	894.9	52.1				947.1
892	899.2	52.2				951.4
894	902.9	52.3				955.2
896	906.1	52.4				958.6
898	909.2	52.5				961.7
900	912.1	52.5				964.6
902	914.7	52.6				967.3
904	917.2	52.6				969.8
906	919.5	52.7				972.1
908	921.5	52.7				974.2
910	923.4	52.7				976.1
912	925.1	52.7				977.8
914	926.6	52.7				979.3
916	928.0	52.7				980.7
918	929.3	52.7				982.0
920	930.4	52.7				983.2
922	931.4	52.7				984.2
924	933.0	52.8				985.8
926	934.6	53.1				987.7
928	936.5	53.5				990.0
930	938.8	54.0				992.8
932	941.6	54.8				996.4
934	945.1	55.3				1000.4
936	949.2	55.6				1004.8
938	953.6	56.0				1009.6
940	958.3	56.2				1014.6
942	963.8	56.5				1020.3
944	970.6	56.6				1027.2
946	976.2	56.8				1033.0
948	980.6	56.9				1037.5
950	984.5	57.0				1041.5
952	987.9	57.1				1045.0
954	991.1	57.1				1048.2
956	994.7	57.3				1052.0
958	998.3	57.6				1055.9
960	1002.0	58.0				1060.0

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
962	1006.0	58.6				1064.5
964	1010.3	59.4				1069.7
966	1015.2	59.9				1075.0
968	1020.5	60.3				1080.7
970	1026.0	60.6				1086.6
972	1032.3	61.0				1093.3
974	1039.5	61.4				1101.0
976	1048.3	62.0				1110.3
978	1056.2	62.7				1118.9
980	1064.0	63.7				1127.7
982	1072.2	64.5				1136.7
984	1080.8	65.4				1146.2
986	1090.0	66.3				1156.3
988	1100.5	67.5				1167.9
990	1112.5	68.5				1180.9
992	1127.1	69.6				1196.6
994	1141.4	70.8				1212.2
996	1156.1	72.5				1228.6
998	1172.2	74.1				1246.3
1000	1191.3	76.0				1267.4
1002	1210.6	77.8				1288.4
1004	1230.9	79.9				1310.8
1006	1252.9	81.8				1334.8
1008	1278.0	84.1				1362.1
1010	1304.0	86.1				1390.0
1012	1332.1	88.4				1420.5
1014	1360.6	90.5				1451.1
1016	1391.0	92.9				1483.9
1018	1422.2	95.1				1517.2
1020	1455.3	97.7				1553.0
1022	1488.8	100.3				1589.1
1024	1524.4	103.2				1627.6
1026	1561.1	106.3				1667.3
1028	1600.2	109.4				1709.6
1030	1640.0	112.4				1752.4
1032	1682.1	115.7				1797.8
1034	1725.4	119.0				1844.4
1036	1771.7	122.4				1894.1
1038	1820.5	125.7				1946.1
1040	1870.3	129.3				1999.7

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1042	1920.4	133.2				2053.7
1044	1973.3	137.2				2110.5
1046	2028.8	141.3				2170.1
1048	2085.7	145.6				2231.2
1050	2143.2	149.9				2293.0
1052	2203.5	154.2				2357.8
1054	2266.5	158.7				2425.2
1056	2331.5	163.1				2494.7
1058	2398.2	167.6				2565.8
1060	2466.9	172.3				2639.2
1062	2536.5	177.0				2713.5
1064	2608.0	181.8				2789.9
1066	2681.0	186.8				2867.8
1068	2755.6	192.1				2947.6
1070	2831.6	196.9				3028.5
1072	2909.7	202.3				3112.0
1074	2989.2	207.6				3196.8
1076	3070.4	213.0				3283.3
1078	3153.6	218.4				3371.9
1080	3239.3	224.2				3463.5
1082	3324.9	229.7				3554.6
1084	3413.9	235.4				3649.3
1086	3503.8	241.2				3745.0
1088	3595.0	247.6				3842.5
1090	3688.4	253.7				3942.1
1092	3785.3	260.3				4045.6
1094	3882.8	266.7				4149.5
1096	3981.8	273.5				4255.3
1098	4082.9	280.0				4362.9
1100	4187.5	286.9				4474.4
1102	4293.3	293.6				4586.8
1104	4401.5	300.6				4702.1
1106	4510.5	307.3				4817.8
1108	4621.6	314.3				4935.9
1110	4733.8	321.2				5055.0
1112	4848.1	328.5				5176.5
1114	4963.0	335.7				5298.7
1116	5080.1	343.3				5423.4
1118	5198.6	351.0				5549.6
1120	5318.9	358.7				5677.6

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1122	5437.0	365.5				5802.5
1124	5552.9	371.4				5924.3
1126	5663.3	375.1				6038.4
1128	5768.0	375.8				6143.8
1130	5863.3	372.7				6236.0
1132	5944.1	367.5				6311.6
1134	6006.5	360.5				6367.0
1136	6051.1	352.3				6403.3
1138	6075.6	343.0				6418.6
1140	6074.6	332.8				6407.3
1142	6043.6	321.9				6365.6
1144	5989.9	310.7				6300.6
1146	5918.6	299.2				6217.8
1148	5833.9	287.6				6121.5
1150	5738.1	276.2				6014.4
1152	5631.8	264.6				5896.5
1154	5515.3	253.3				5768.6
1156	5389.9	241.8				5631.7
1158	5257.0	230.6				5487.5
1160	5118.1	219.5				5337.7
1162	4975.9	208.5				5184.4
1164	4829.0	198.0				5027.0
1166	4679.1	188.0				4867.0
1168	4526.7	178.3				4705.0
1170	4373.8	169.2				4543.0
1172	4220.8	160.3				4381.1
1174	4067.2	151.6				4218.9
1176	3915.1	143.6				4058.7
1178	3765.3	135.8				3901.1
1180	3618.5	128.4				3746.9
1182	3475.3	121.4				3596.7
1184	3333.7	114.4				3448.1
1186	3195.1	108.2				3303.3
1188	3060.7	102.4				3163.0
1190	2929.3	97.0				3026.3
1192	2803.3	92.0				2895.3
1194	2681.3	87.7				2769.0
1196	2562.8	83.4				2646.3
1198	2450.1	79.5				2529.6
1200	2343.0	76.3				2419.4

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1202	2240.8	73.3				2314.1
1204	2144.3	70.8				2215.2
1206	2054.3	68.6				2122.9
1208	1968.4	66.6				2035.0
1210	1887.4	64.6				1952.0
1212	1812.3	63.2				1875.4
1214	1741.7	62.0				1803.7
1216	1677.1	61.1				1738.2
1218	1618.1	60.3				1678.4
1220	1562.5	59.6				1622.0
1222	1509.5	58.8				1568.4
1224	1461.3	58.0				1519.3
1226	1417.2	57.2				1474.4
1228	1376.5	56.2				1432.7
1230	1338.6	55.5				1394.0
1232	1303.0	55.0				1358.0
1234	1269.8	54.5				1324.3
1236	1238.9	54.2				1293.0
1238	1209.5	53.9				1263.4
1240	1181.0	53.6				1234.6
1242	1155.6	53.4				1209.1
1244	1133.2	53.3				1186.5
1246	1113.2	53.2				1166.4
1248	1094.5	53.0				1147.5
1250	1077.4	52.7				1130.1
1252	1061.4	52.2				1113.6
1254	1046.3	51.7				1098.0
1256	1032.0	50.8				1082.8
1258	1018.1	50.3				1068.4
1260	1004.7	49.9				1054.6
1262	992.0	49.6				1041.5
1264	979.8	49.3				1029.1
1266	967.6	49.1				1016.7
1268	954.9	48.9				1003.8
1270	944.0	48.7				992.7
1272	934.9	48.6				983.5
1274	926.9	48.5				975.4
1276	919.8	48.4				968.2
1278	913.4	48.4				961.8
1280	907.6	48.3				955.9

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1282	901.7	48.1				949.8
1284	896.1	47.9				944.0
1286	890.7	47.4				938.1
1288	885.2	46.9				932.2
1290	879.7	46.1				925.8
1292	873.7	45.6				919.3
1294	867.4	45.2				912.6
1296	861.1	44.9				906.0
1298	854.7	44.6				899.3
1300	847.7	44.4				892.1
1302	839.6	44.2				883.8
1304	832.9	44.0				876.9
1306	827.5	43.9				871.4
1308	822.8	43.8				866.6
1310	818.6	43.8				862.3
1312	814.1	43.6				857.7
1314	809.7	43.3				853.0
1316	805.2	42.9				848.0
1318	800.5	42.3				842.8
1320	795.5	41.5				837.0
1322	790.1	41.0				831.1
1324	784.2	40.6				824.8
1326	778.2	40.2				818.4
1328	772.0	40.0				812.0
1330	765.2	39.7				805.0
1332	757.3	39.5				796.8
1334	750.6	39.4				790.0
1336	745.2	39.3				784.5
1338	740.6	39.2				779.7
1340	735.8	39.0				774.8
1342	731.0	38.7				769.8
1344	726.3	38.2				764.5
1346	721.3	37.7				759.0
1348	716.1	36.9				752.9
1350	710.3	36.4				746.7
1352	704.2	36.0				740.2
1354	697.9	35.6				733.5
1356	691.6	35.3				726.9
1358	684.5	35.1				719.6
1360	676.3	34.9				711.2

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1362	669.5	34.7				704.2
1364	663.9	34.6				698.6
1366	658.5	34.4				692.9
1368	653.3	34.1				687.4
1370	648.1	33.6				681.8
1372	642.8	33.1				675.9
1374	637.1	32.3				669.4
1376	631.1	31.7				662.8
1378	624.6	31.3				655.9
1380	618.0	31.0				649.0
1382	611.3	30.7				642.0
1384	604.1	30.4				634.5
1386	595.6	30.3				625.9
1388	588.6	30.1				618.7
1390	582.8	30.0				612.8
1392	577.8	29.9				607.7
1394	573.3	29.8				603.1
1396	568.5	29.6				598.1
1398	563.8	29.3				593.1
1400	559.0	28.9				587.9
1402	554.1	28.3				582.4
1404	548.9	27.5				576.4
1406	543.2	27.0				570.3
1408	537.2	26.6				563.8
1410	531.0	26.3				557.3
1412	524.7	26.0				550.7
1414	517.7	25.8				543.5
1416	509.6	25.6				535.2
1418	502.8	25.4				528.2
1420	497.3	25.3				522.6
1422	492.5	25.2				517.7
1424	488.2	25.1				513.3
1426	484.2	25.1				509.3
1428	480.5	25.0				505.5
1430	477.0	25.0				502.0
1432	473.8	24.9				498.8
1434	470.3	24.8				495.1
1436	466.8	24.6				491.4
1438	463.3	24.1				487.4
1440	459.5	23.6				483.1

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1442	455.3	22.8				478.1
1444	450.6	22.3				472.9
1446	445.4	21.9				467.3
1448	440.0	21.6				461.6
1450	434.4	21.3				455.7
1452	428.1	21.1				449.2
1454	420.6	20.9				441.5
1456	414.3	20.8				435.1
1458	409.3	20.7				430.0
1460	405.0	20.6				425.6
1462	401.1	20.5				421.6
1464	397.5	20.4				417.9
1466	394.1	20.4				414.5
1468	391.0	20.3				411.3
1470	388.1	20.3				408.3
1472	385.4	20.3				405.7
1474	383.0	20.2				403.2
1476	380.8	20.2				401.0
1478	378.8	20.2				399.0
1480	376.9	20.2				397.1
1482	375.3	20.2				395.5
1484	373.8	20.2				394.0
1486	372.4	20.2				392.6
1488	371.2	20.2				391.4
1490	370.1	20.2				390.3
1492	369.1	20.2				389.3
1494	368.2	20.2				388.4
1496	367.4	20.2				387.6
1498	366.7	20.2				386.9
1500	366.0	20.2				386.2
1502	365.4	20.2				385.6
1504	364.9	20.2				385.0
1506	364.4	20.2				384.5
1508	363.9	20.2				384.1
1510	363.4	20.2				383.6
1512	362.4	20.1				382.5
1514	361.3	19.8				381.1
1516	359.8	19.4				379.2
1518	357.9	18.9				376.8
1520	355.4	18.1				373.5

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1522	352.3	17.6				369.9
1524	348.5	17.3				365.8
1526	344.4	16.9				361.3
1528	340.0	16.7				356.7
1530	334.8	16.5				351.2
1532	328.2	16.3				344.5
1534	322.9	16.1				339.0
1536	318.7	16.0				334.7
1538	315.1	15.9				331.0
1540	311.9	15.8				327.7
1542	308.9	15.8				324.6
1544	306.0	15.7				321.8
1546	303.4	15.7				319.1
1548	301.0	15.6				316.6
1550	298.7	15.6				314.3
1552	296.7	15.6				312.3
1554	294.9	15.6				310.4
1556	293.2	15.5				308.7
1558	291.7	15.5				307.2
1560	290.3	15.5				305.8
1562	289.1	15.5				304.6
1564	288.0	15.5				303.5
1566	286.9	15.5				302.5
1568	286.0	15.5				301.5
1570	285.2	15.5				300.7
1572	284.4	15.5				299.9
1574	283.7	15.5				299.3
1576	283.1	15.5				298.6
1578	282.5	15.5				298.1
1580	282.0	15.5				297.5
1582	281.5	15.5				297.0
1584	281.1	15.5				296.6
1586	280.6	15.5				296.2
1588	280.2	15.5				295.8
1590	279.9	15.5				295.4
1592	279.5	15.5				295.1
1594	279.2	15.5				294.8
1596	279.0	15.5				294.5
1598	278.7	15.5				294.2
1600	278.5	15.5				294.0

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1602	278.3	15.5				293.8
1604	278.1	15.5				293.6
1606	277.9	15.5				293.4
1608	277.8	15.5				293.3
1610	277.6	15.5				293.1
1612	277.5	15.5				293.0
1614	277.4	15.5				292.9
1616	277.3	15.5				292.8
1618	277.3	15.5				292.8
1620	277.2	15.5				292.7
1622	277.1	15.5				292.6
1624	277.1	15.5				292.6
1626	277.0	15.5				292.6
1628	277.0	15.5				292.5
1630	277.0	15.5				292.5
1632	276.9	15.5				292.4
1634	276.9	15.5				292.4
1636	276.9	15.5				292.4
1638	276.9	15.5				292.4
1640	276.9	15.5				292.4
1642	276.9	15.5				292.4
1644	276.9	15.5				292.4
1646	276.9	15.5				292.4
1648	276.9	15.5				292.4
1650	276.9	15.5				292.4
1652	276.3	15.4				291.7
1654	275.5	15.2				290.7
1656	274.3	14.8				289.1
1658	272.7	14.3				287.0
1660	270.5	13.5				284.0
1662	267.6	13.0				280.6
1664	264.1	12.6				276.7
1666	260.1	12.3				272.4
1668	255.9	12.0				267.9
1670	250.8	11.8				262.6
1672	244.4	11.6				256.0
1674	239.2	11.5				250.7
1676	235.1	11.4				246.5
1678	231.6	11.3				242.8
1680	228.4	11.2				239.6

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1)	INTER-VENING cfs (NEVGB3)	( )	( )	( )	COMBINED cfs)
1682	224.1	10.9				235.0
1684	219.4	10.3				229.7
1686	214.1	9.3				223.4
1688	208.0	8.1				216.0
1690	200.7	6.2				206.9
1692	191.9	5.0				197.0
1694	181.8	4.2				186.0
1696	171.0	3.4				174.4
1698	159.6	2.7				162.3
1700	146.4	2.2				148.6
1702	130.2	1.8				132.0
1704	116.9	1.4				118.3
1706	106.3	1.2				107.5
1708	97.2	0.9				98.1
1710	89.0	0.8				89.8
1712	81.4	0.6				82.0
1714	74.3	0.5				74.8
1716	67.6	0.4				68.0
1718	61.4	0.3				61.7
1720	55.8	0.2				56.0
1722	50.7	0.2				50.8
1724	46.0	0.1				46.1
1726	41.7	0.1				41.8
1728	37.8	0.1				37.9
1730	34.3	0.0				34.3
1732	31.0	0.0				31.1
1734	28.1	0.0				28.1
1736	25.5					25.5
1738	23.1					23.1
1740	20.9					20.9
1742	18.9					18.9
1744	17.1					17.1
1746	15.5					15.5
1748	14.0					14.0
1750	12.6					12.6
1752	11.4					11.4
1754	10.2					10.2
1756	9.1					9.1
1758	8.1					8.1
1760	7.2					7.2

COMBINE CENTERAL SURFACE FACILITY W/O TUFF PILE WITH E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:00:47

FLOOD HYDROGRAPH VOLUME= 787510 CFS * 0.03 HRS
OR 2169 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB1	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1762	6.4					6.4
1764	5.6					5.6
1766	4.9					4.9
1768	4.3					4.3
1770	3.7					3.7
1772	3.2					3.2
1774	2.7					2.7
1776	2.4					2.4
1778	2.0					2.0
1780	1.7					1.7
1782	1.4					1.4
1784	1.2					1.2
1786	1.0					1.0
1788	0.8					0.8
1790	0.7					0.7
1792	0.5					0.5
1794	0.4					0.4
1796	0.3					0.3
1798	0.2					0.2
1800	0.1					0.1
1802	0.1					0.1

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 33
VersNo= 751.3 Page 1

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
2	1.0	0.2				1.2
4	2.3	0.8				3.1
6	4.2	1.7				5.9
8	6.8	2.9				9.7
10	10.4	4.8				15.1
12	15.1	5.9				21.0
14	20.9	6.8				27.6
16	27.3	7.5				34.8
18	34.1	8.1				42.3
20	42.4	8.7				51.1
22	52.8	9.1				61.9
24	61.3	9.4				70.7
26	67.8	9.7				77.6
28	73.5	9.9				83.5
30	78.6	10.1				88.7
32	83.4	10.2				93.6
34	87.9	10.4				98.2
36	92.1	10.5				102.5
38	95.9	10.6				106.5
40	99.4	10.6				110.1
42	102.7	10.7				113.4
44	105.6	10.7				116.3
46	108.3	10.8				119.0
48	110.7	10.8				121.5
50	112.9	10.8				123.7
52	114.9	10.8				125.7
54	116.7	10.9				127.5
56	118.8	11.0				129.7
58	120.8	11.2				132.0
60	122.9	11.6				134.5
62	125.3	12.1				137.4
64	127.9	12.9				140.8
66	131.0	13.4				144.3
68	134.4	13.8				148.1
70	137.9	14.1				152.0
72	141.7	14.4				156.0
74	146.0	14.6				160.6
76	151.1	14.8				165.9
78	155.4	14.9				170.3
80	158.8	15.0				173.8

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 33
VersNo= 751.3 Page 2

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
82	161.8	15.1				176.9
84	164.4	15.2				179.6
86	166.9	15.3				182.2
88	169.2	15.3				184.6
90	171.4	15.4				186.8
92	173.4	15.4				188.8
94	175.2	15.4				190.6
96	176.9	15.4				192.3
98	178.4	15.5				193.8
100	179.7	15.5				195.2
102	180.9	15.5				196.4
104	182.0	15.5				197.5
106	183.0	15.5				198.5
108	183.9	15.5				199.4
110	184.7	15.5				200.3
112	185.5	15.5				201.0
114	186.1	15.5				201.6
116	186.7	15.5				202.2
118	187.2	15.5				202.8
120	187.7	15.5				203.2
122	188.2	15.5				203.7
124	188.6	15.5				204.1
126	188.9	15.5				204.4
128	189.3	15.5				204.8
130	189.5	15.5				205.1
132	189.8	15.5				205.3
134	190.1	15.5				205.6
136	190.3	15.5				205.8
138	190.5	15.5				206.0
140	190.7	15.5				206.2
142	190.9	15.5				206.4
144	191.0	15.5				206.5
146	191.2	15.5				206.7
148	191.3	15.5				206.8
150	191.4	15.5				206.9
152	191.5	15.5				207.0
154	191.6	15.5				207.1
156	191.7	15.5				207.2
158	191.8	15.5				207.3
160	191.8	15.5				207.3

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 33
VersNo= 751.3 Page 3

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-26-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
162	191.9	15.5				207.4
164	191.9	15.5				207.4
166	192.0	15.5				207.5
168	192.0	15.5				207.5
170	192.0	15.5				207.5
172	192.0	15.5				207.6
174	192.1	15.5				207.6
176	192.1	15.5				207.6
178	192.1	15.5				207.6
180	192.1	15.5				207.6
182	192.1	15.5				207.6
184	192.1	15.5				207.6
186	192.1	15.5				207.6
188	192.1	15.5				207.6
190	192.1	15.5				207.6
192	192.1	15.5				207.6
194	192.1	15.5				207.6
196	192.1	15.5				207.6
198	192.1	15.5				207.6
200	192.1	15.5				207.6
202	192.1	15.5				207.6
204	192.1	15.5				207.6
206	192.1	15.5				207.6
208	192.1	15.5				207.6
210	192.1	15.5				207.6
212	192.1	15.5				207.6
214	192.1	15.5				207.6
216	192.1	15.5				207.6
218	192.1	15.5				207.6
220	192.1	15.5				207.6
222	192.1	15.5				207.6
224	192.1	15.5				207.6
226	192.1	15.5				207.6
228	192.1	15.5				207.6
230	192.1	15.5				207.6
232	192.1	15.5				207.6
234	192.1	15.5				207.6
236	192.1	15.5				207.6
238	192.1	15.5				207.6
240	192.1	15.5				207.6

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 33
VersNo= 751.3 Page 4

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
242	192.1	15.5				207.6
244	192.1	15.5				207.6
246	192.1	15.5				207.6
248	192.1	15.5				207.6
250	192.1	15.5				207.6
252	192.1	15.5				207.6
254	192.1	15.5				207.6
256	192.1	15.5				207.6
258	192.1	15.5				207.6
260	192.1	15.5				207.6
262	192.1	15.5				207.6
264	192.1	15.5				207.6
266	192.1	15.5				207.6
268	192.1	15.5				207.6
270	192.1	15.5				207.6
272	192.1	15.5				207.6
274	192.1	15.5				207.6
276	192.1	15.5				207.6
278	192.1	15.5				207.6
280	192.1	15.5				207.6
282	192.1	15.5				207.6
284	192.1	15.5				207.6
286	192.1	15.5				207.6
288	192.1	15.5				207.6
290	192.1	15.5				207.6
292	192.1	15.5				207.6
294	192.1	15.5				207.6
296	192.1	15.5				207.6
298	192.1	15.5				207.6
300	192.1	15.5				207.6
302	192.1	15.5				207.6
304	192.1	15.5				207.6
306	192.1	15.5				207.6
308	192.1	15.5				207.6
310	192.1	15.5				207.6
312	192.1	15.5				207.6
314	192.1	15.5				207.6
316	192.1	15.5				207.6
318	192.1	15.5				207.6
320	192.1	15.5				207.6

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2)	INTER-VENING cfs (NEVGB3)	( )	( )	( )	COMBINED cfs)
322	192.1	15.5				207.6
324	192.1	15.5				207.6
326	192.1	15.5				207.6
328	192.1	15.5				207.6
330	192.1	15.5				207.6
332	192.1	15.5				207.6
334	192.1	15.5				207.6
336	192.1	15.5				207.6
338	192.5	15.6				208.2
340	193.1	15.8				209.0
342	193.9	16.3				210.2
344	195.0	16.8				211.8
346	196.6	17.6				214.1
348	198.6	18.0				216.6
350	201.1	18.4				219.5
352	203.8	18.7				222.5
354	206.7	19.0				225.8
356	210.3	19.2				229.5
358	214.8	19.4				234.2
360	218.4	19.6				237.9
362	221.2	19.7				240.9
364	223.6	19.8				243.4
366	225.8	19.8				245.7
368	227.8	19.9				247.7
370	229.8	20.0				249.7
372	231.6	20.0				251.6
374	233.2	20.0				253.3
376	234.7	20.1				254.8
378	236.1	20.1				256.2
380	237.4	20.1				257.5
382	238.5	20.1				258.6
384	239.6	20.1				259.7
386	240.5	20.2				260.6
388	241.4	20.2				261.5
390	242.1	20.2				262.3
392	242.8	20.2				263.0
394	243.5	20.2				263.6
396	244.0	20.2				264.2
398	244.6	20.2				264.7
400	245.0	20.2				265.2

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 33
VersNo= 751.3 Page 6

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
402	245.5	20.2				265.6
404	245.9	20.2				266.0
406	246.2	20.2				266.4
408	246.6	20.2				266.7
410	246.9	20.2				267.1
412	247.2	20.2				267.3
414	247.5	20.2				267.6
416	247.7	20.2				267.9
418	247.9	20.2				268.1
420	248.1	20.2				268.3
422	248.3	20.2				268.5
424	248.5	20.2				268.7
426	248.7	20.2				268.8
428	248.8	20.2				269.0
430	248.9	20.2				269.1
432	249.1	20.2				269.2
434	249.2	20.2				269.3
436	249.2	20.2				269.4
438	249.3	20.2				269.5
440	249.4	20.2				269.6
442	249.5	20.2				269.6
444	249.5	20.2				269.7
446	249.6	20.2				269.7
448	249.6	20.2				269.8
450	249.6	20.2				269.8
452	249.7	20.2				269.8
454	249.7	20.2				269.8
456	249.7	20.2				269.9
458	249.7	20.2				269.9
460	249.7	20.2				269.9
462	249.7	20.2				269.9
464	249.7	20.2				269.9
466	249.7	20.2				269.9
468	249.7	20.2				269.9
470	249.7	20.2				269.9
472	249.7	20.2				269.9
474	249.7	20.2				269.9
476	249.7	20.2				269.9
478	249.7	20.2				269.9
480	249.7	20.2				269.9

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 33
VersNo= 751.3 Page 7

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
482	249.7	20.2				269.9
484	249.7	20.2				269.9
486	249.7	20.2				269.9
488	249.7	20.2				269.9
490	249.7	20.2				269.9
492	249.7	20.2				269.9
494	249.7	20.2				269.9
496	250.2	20.3				270.4
498	250.7	20.5				271.2
500	251.5	20.9				272.4
502	252.7	21.4				274.1
504	254.2	22.2				276.4
506	256.2	22.7				278.9
508	258.7	23.1				281.8
510	261.4	23.4				284.8
512	264.4	23.7				288.0
514	267.9	23.9				291.8
516	272.4	24.1				296.4
518	276.0	24.2				300.2
520	278.8	24.3				303.2
522	281.3	24.4				305.7
524	283.4	24.5				307.9
526	285.5	24.6				310.0
528	287.4	24.6				312.0
530	289.2	24.7				313.9
532	290.9	24.7				315.6
534	292.4	24.7				317.1
536	293.7	24.8				318.5
538	295.0	24.8				319.8
540	296.1	24.8				320.9
542	297.2	24.8				322.0
544	298.1	24.8				322.9
546	299.0	24.8				323.8
548	299.8	24.8				324.6
550	300.5	24.8				325.3
552	301.1	24.8				325.9
554	301.7	24.8				326.5
556	302.2	24.8				327.0
558	302.7	24.8				327.5
560	303.1	24.8				327.9

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
562	303.5	24.8				328.3
564	303.9	24.8				328.7
566	304.2	24.8				329.0
568	304.5	24.8				329.3
570	304.8	24.8				329.6
572	305.5	24.9				330.4
574	306.3	25.2				331.5
576	307.4	25.6				332.9
578	308.7	26.1				334.8
580	310.4	26.9				337.3
582	312.6	27.3				340.0
584	315.2	27.7				343.0
586	318.1	28.0				346.2
588	321.2	28.3				349.5
590	324.9	28.5				353.4
592	329.4	28.7				358.1
594	333.1	28.9				362.0
596	336.0	29.0				365.0
598	338.5	29.1				367.6
600	340.8	29.1				369.9
602	342.9	29.2				372.1
604	344.8	29.3				374.1
606	346.7	29.3				376.0
608	348.4	29.4				377.7
610	349.9	29.4				379.3
612	351.3	29.4				380.7
614	352.6	29.4				382.0
616	353.8	29.4				383.2
618	354.8	29.5				384.3
620	355.8	29.5				385.2
622	356.6	29.5				386.1
624	357.4	29.5				386.9
626	358.1	29.5				387.6
628	359.2	29.6				388.7
630	360.3	29.8				390.1
632	361.6	30.2				391.8
634	363.2	30.7				393.9
636	365.2	31.5				396.7
638	367.6	32.0				399.6
640	370.4	32.4				402.8

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 33
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COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
642	373.5	32.7				406.2
644	376.8	33.0				409.8
646	380.6	33.2				413.8
648	385.4	33.4				418.7
650	389.2	33.5				422.7
652	392.3	33.6				425.9
654	394.9	33.7				428.7
656	397.3	33.8				431.1
658	399.5	33.9				433.4
660	401.6	33.9				435.5
662	403.5	34.0				437.5
664	405.3	34.0				439.3
666	406.9	34.0				441.0
668	408.4	34.1				442.5
670	409.8	34.1				443.9
672	411.0	34.1				445.1
674	412.1	34.1				446.2
676	413.1	34.1				447.2
678	414.0	34.1				448.1
680	415.3	34.2				449.5
682	416.6	34.5				451.0
684	418.0	34.9				452.9
686	419.8	35.4				455.1
688	421.8	36.2				458.0
690	424.4	36.6				461.0
692	427.3	37.0				464.3
694	430.4	37.3				467.8
696	433.8	37.6				471.4
698	437.7	37.8				475.5
700	442.4	38.0				480.4
702	446.3	38.2				484.5
704	449.4	38.3				487.7
706	452.1	38.4				490.5
708	454.5	38.5				493.0
710	456.8	38.5				495.3
712	458.9	38.6				497.5
714	460.9	38.6				499.5
716	462.7	38.7				501.3
718	464.3	38.7				503.0
720	465.8	38.7				504.6

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 33
VersNo= 751.3 Page 10

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
722	467.2	38.7				505.9
724	468.5	38.7				507.2
726	469.6	38.8				508.3
728	470.6	38.8				509.4
730	471.5	38.8				510.3
732	472.4	38.8				511.2
734	473.1	38.8				511.9
736	474.2	38.9				513.1
738	475.4	39.1				514.5
740	476.8	39.5				516.3
742	478.4	40.0				518.4
744	480.4	40.8				521.2
746	482.8	41.3				524.1
748	485.7	41.7				527.4
750	488.8	42.0				530.8
752	492.1	42.3				534.3
754	495.9	42.5				538.4
756	500.6	42.7				543.3
758	504.5	42.8				547.3
760	507.5	42.9				550.5
762	510.2	43.0				553.2
764	512.6	43.1				555.7
766	514.8	43.2				558.0
768	516.9	43.2				560.1
770	518.8	43.3				562.1
772	520.6	43.3				563.9
774	522.2	43.3				565.6
776	523.7	43.4				567.1
778	525.0	43.4				568.4
780	526.3	43.4				569.7
782	527.4	43.4				570.8
784	528.4	43.4				571.8
786	529.3	43.4				572.7
788	530.1	43.4				573.5
790	530.8	43.4				574.3
792	531.5	43.4				574.9
794	532.1	43.4				575.6
796	532.7	43.4				576.1
798	533.6	43.5				577.1
800	534.6	43.8				578.4

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 33
VersNo= 751.3 Page 11

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
802	535.8	44.2				580.0
804	537.3	44.7				582.0
806	539.2	45.5				584.7
808	541.5	46.0				587.5
810	544.3	46.3				590.6
812	547.3	46.7				594.0
814	550.5	46.9				597.4
816	554.3	47.1				601.4
818	559.0	47.3				606.3
820	562.8	47.5				610.2
822	565.8	47.6				613.4
824	568.4	47.7				616.0
826	570.7	47.8				618.4
828	572.8	47.8				620.7
830	574.9	47.9				622.8
832	576.8	47.9				624.7
834	578.5	48.0				626.5
836	580.1	48.0				628.1
838	581.6	48.0				629.6
840	582.9	48.0				630.9
842	584.1	48.1				632.1
844	585.2	48.1				633.2
846	586.1	48.1				634.2
848	587.0	48.1				635.1
850	587.8	48.1				635.9
852	588.6	48.1				636.7
854	589.2	48.1				637.3
856	589.8	48.1				637.9
858	590.4	48.1				638.5
860	590.8	48.1				638.9
862	591.3	48.1				639.4
864	591.7	48.1				639.8
866	592.0	48.1				640.1
868	592.8	48.2				641.0
870	593.7	48.4				642.1
872	594.8	48.8				643.6
874	596.2	49.3				645.5
876	598.0	50.1				648.1
878	600.2	50.6				650.8
880	602.9	51.0				653.9

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
882	605.8	51.3				657.1
884	608.9	51.6				660.5
886	612.7	51.8				664.5
888	617.3	52.0				669.2
890	621.0	52.1				673.1
892	623.9	52.2				676.2
894	626.5	52.3				678.8
896	628.7	52.4				681.2
898	630.9	52.5				683.3
900	632.9	52.5				685.4
902	634.7	52.6				687.3
904	636.4	52.6				689.0
906	638.0	52.7				690.6
908	639.4	52.7				692.1
910	640.7	52.7				693.4
912	641.9	52.7				694.6
914	642.9	52.7				695.6
916	643.9	52.7				696.6
918	644.8	52.7				697.5
920	645.6	52.7				698.3
922	646.3	52.7				699.0
924	647.3	52.8				700.2
926	648.5	53.1				701.5
928	649.8	53.5				703.3
930	651.4	54.0				705.4
932	653.3	54.8				708.1
934	655.8	55.3				711.0
936	658.6	55.6				714.3
938	661.7	56.0				717.7
940	665.0	56.2				721.2
942	668.8	56.5				725.3
944	673.5	56.6				730.2
946	677.4	56.8				734.2
948	680.4	56.9				737.3
950	683.1	57.0				740.1
952	685.5	57.1				742.5
954	687.7	57.1				744.8
956	690.2	57.3				747.5
958	692.7	57.6				750.3
960	695.3	58.0				753.3

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
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FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
962	698.0	58.6				756.6
964	701.0	59.4				760.4
966	704.4	59.9				764.3
968	708.1	60.3				768.4
970	712.0	60.6				772.5
972	716.3	61.0				777.3
974	721.4	61.4				782.8
976	727.4	62.0				789.5
978	732.9	62.7				795.6
980	738.4	63.7				802.1
982	744.0	64.5				808.5
984	750.0	65.4				815.4
986	756.4	66.3				822.7
988	763.7	67.5				831.2
990	772.0	68.5				840.5
992	782.2	69.6				851.8
994	792.1	70.8				862.9
996	802.3	72.5				874.8
998	813.6	74.1				887.7
1000	826.9	76.0				902.9
1002	840.3	77.8				918.0
1004	854.4	79.9				934.3
1006	869.7	81.8				951.5
1008	887.1	84.1				971.2
1010	905.1	86.1				991.2
1012	924.7	88.4				1013.1
1014	944.5	90.5				1035.0
1016	965.6	92.9				1058.5
1018	987.3	95.1				1082.4
1020	1010.3	97.7				1108.0
1022	1033.6	100.3				1133.8
1024	1058.3	103.2				1161.5
1026	1083.8	106.3				1190.0
1028	1110.9	109.4				1220.3
1030	1138.6	112.4				1251.0
1032	1167.8	115.7				1283.5
1034	1197.9	119.0				1316.9
1036	1230.1	122.4				1352.5
1038	1264.0	125.7				1389.6
1040	1298.6	129.3				1427.9

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1042	1333.4	133.2				1466.6
1044	1370.1	137.2				1507.3
1046	1408.7	141.3				1550.0
1048	1448.1	145.6				1593.7
1050	1488.1	149.9				1637.9
1052	1530.0	154.2				1684.2
1054	1573.8	158.7				1732.4
1056	1618.9	163.1				1782.0
1058	1665.2	167.6				1832.8
1060	1712.9	172.3				1885.2
1062	1761.2	177.0				1938.2
1064	1810.9	181.8				1992.8
1066	1861.6	186.8				2048.4
1068	1913.3	192.1				2105.4
1070	1966.1	196.9				2163.0
1072	2020.4	202.3				2222.7
1074	2075.6	207.6				2283.2
1076	2131.9	213.0				2344.9
1078	2189.7	218.4				2408.1
1080	2249.2	224.2				2473.4
1082	2308.6	229.7				2538.3
1084	2370.4	235.4				2605.8
1086	2432.8	241.2				2674.0
1088	2496.1	247.6				2743.7
1090	2561.0	253.7				2814.7
1092	2628.2	260.3				2888.6
1094	2696.0	266.7				2962.7
1096	2764.7	273.5				3038.2
1098	2834.9	280.0				3114.9
1100	2907.5	286.9				3194.4
1102	2980.9	293.6				3274.5
1104	3056.1	300.6				3356.6
1106	3131.7	307.3				3439.0
1108	3208.9	314.3				3523.2
1110	3286.7	321.2				3607.9
1112	3366.0	328.5				3694.5
1114	3445.8	335.7				3781.5
1116	3527.1	343.3				3870.4
1118	3609.3	351.0				3960.3
1120	3692.9	358.7				4051.5

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1122	3774.8	365.5				4140.3
1124	3855.2	371.4				4226.6
1126	3931.8	375.1				4306.9
1128	4004.5	375.8				4380.3
1130	4070.5	372.7				4443.2
1132	4126.4	367.5				4493.9
1134	4169.5	360.5				4530.0
1136	4200.2	352.3				4552.5
1138	4216.9	343.0				4559.9
1140	4215.7	332.8				4548.5
1142	4193.8	321.9				4515.7
1144	4156.1	310.7				4466.8
1146	4106.3	299.2				4405.5
1148	4047.3	287.6				4334.9
1150	3980.5	276.2				4256.7
1152	3906.5	264.6				4171.1
1154	3825.3	253.3				4078.6
1156	3738.1	241.8				3979.9
1158	3645.6	230.6				3876.1
1160	3549.0	219.5				3768.6
1162	3450.2	208.5				3658.6
1164	3348.0	198.0				3546.0
1166	3243.8	188.0				3431.8
1168	3137.9	178.3				3316.3
1170	3031.7	169.2				3201.0
1172	2925.5	160.3				3085.8
1174	2818.8	151.6				2970.5
1176	2713.2	143.6				2856.8
1178	2609.3	135.8				2745.0
1180	2507.4	128.4				2635.8
1182	2408.0	121.4				2529.4
1184	2309.7	114.4				2424.1
1186	2213.6	108.2				2321.8
1188	2120.3	102.4				2222.6
1190	2029.1	97.0				2126.1
1192	1941.8	92.0				2033.8
1194	1857.2	87.7				1944.9
1196	1775.0	83.4				1858.4
1198	1696.9	79.5				1776.4
1200	1622.6	76.3				1699.0

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1202	1551.7	73.3				1625.0
1204	1485.0	70.8				1555.8
1206	1422.6	68.6				1491.2
1208	1363.1	66.6				1429.6
1210	1306.9	64.6				1371.5
1212	1254.9	63.2				1318.1
1214	1206.0	62.0				1268.0
1216	1161.4	61.1				1222.4
1218	1120.6	60.3				1180.8
1220	1082.0	59.6				1141.6
1222	1045.4	58.8				1104.2
1224	1012.0	58.0				1070.1
1226	981.6	57.2				1038.8
1228	953.4	56.2				1009.6
1230	927.2	55.5				982.7
1232	902.6	55.0				957.6
1234	879.7	54.5				934.2
1236	858.3	54.2				912.5
1238	838.0	53.9				891.9
1240	818.3	53.6				871.9
1242	800.8	53.4				854.2
1244	785.3	53.3				838.6
1246	771.5	53.2				824.7
1248	758.6	53.0				811.6
1250	746.8	52.7				799.5
1252	735.7	52.2				788.0
1254	725.3	51.7				777.0
1256	715.4	50.8				766.3
1258	705.9	50.3				756.2
1260	696.6	49.9				746.5
1262	687.8	49.6				737.3
1264	679.4	49.3				728.7
1266	670.9	49.1				720.0
1268	662.1	48.9				711.0
1270	654.6	48.7				703.3
1272	648.3	48.6				696.9
1274	642.8	48.5				691.3
1276	637.9	48.4				686.3
1278	633.5	48.4				681.8
1280	629.5	48.3				677.8

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1282	625.4	48.1				673.5
1284	621.5	47.9				669.4
1286	617.8	47.4				665.2
1288	614.0	46.9				660.9
1290	610.2	46.1				656.3
1292	606.0	45.6				651.6
1294	601.7	45.2				646.9
1296	597.3	44.9				642.1
1298	592.8	44.6				637.4
1300	587.9	44.4				632.3
1302	582.3	44.2				626.5
1304	577.7	44.0				621.7
1306	573.9	43.9				617.9
1308	570.7	43.8				614.5
1310	567.8	43.8				611.6
1312	564.7	43.6				608.3
1314	561.6	43.3				604.9
1316	558.5	42.9				601.4
1318	555.3	42.3				597.6
1320	551.8	41.5				593.3
1322	548.0	41.0				589.0
1324	543.9	40.6				584.5
1326	539.8	40.2				580.0
1328	535.5	40.0				575.5
1330	530.7	39.7				570.5
1332	525.2	39.5				564.8
1334	520.6	39.4				560.0
1336	516.9	39.3				556.2
1338	513.7	39.2				552.9
1340	510.3	39.0				549.3
1342	507.1	38.7				545.8
1344	503.8	38.2				542.0
1346	500.3	37.7				538.0
1348	496.7	36.9				533.5
1350	492.7	36.4				529.1
1352	488.4	36.0				524.4
1354	484.1	35.6				519.7
1356	479.7	35.3				515.0
1358	474.7	35.1				509.8
1360	469.1	34.9				504.0

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1362	464.3	34.7				499.1
1364	460.5	34.6				495.1
1366	456.7	34.4				491.1
1368	453.1	34.1				487.3
1370	449.6	33.6				483.2
1372	445.8	33.1				478.9
1374	441.9	32.3				474.2
1376	437.7	31.7				469.4
1378	433.2	31.3				464.5
1380	428.6	31.0				459.6
1382	424.0	30.7				454.7
1384	418.9	30.4				449.4
1386	413.1	30.3				443.3
1388	408.2	30.1				438.3
1390	404.2	30.0				434.2
1392	400.7	29.9				430.6
1394	397.6	29.8				427.4
1396	394.3	29.6				423.9
1398	391.0	29.3				420.4
1400	387.7	28.9				416.6
1402	384.3	28.3				412.6
1404	380.7	27.5				408.2
1406	376.8	27.0				403.8
1408	372.6	26.6				399.2
1410	368.3	26.3				394.5
1412	363.9	26.0				389.9
1414	359.0	25.8				384.8
1416	353.4	25.6				379.0
1418	348.7	25.4				374.1
1420	344.9	25.3				370.2
1422	341.5	25.2				366.8
1424	338.6	25.1				363.7
1426	335.8	25.1				360.9
1428	333.2	25.0				358.2
1430	330.8	25.0				355.8
1432	328.6	24.9				353.6
1434	326.2	24.8				351.0
1436	323.8	24.6				348.3
1438	321.3	24.1				345.5
1440	318.7	23.6				342.3

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1442	315.8	22.8				338.6
1444	312.5	22.3				334.8
1446	308.9	21.9				330.8
1448	305.1	21.6				326.7
1450	301.2	21.3				322.6
1452	296.8	21.1				317.9
1454	291.6	20.9				312.6
1456	287.3	20.8				308.1
1458	283.9	20.7				304.5
1460	280.9	20.6				301.4
1462	278.2	20.5				298.7
1464	275.7	20.4				296.1
1466	273.3	20.4				293.7
1468	271.1	20.3				291.5
1470	269.1	20.3				289.4
1472	267.3	20.3				287.6
1474	265.6	20.2				285.9
1476	264.1	20.2				284.3
1478	262.7	20.2				282.9
1480	261.4	20.2				281.6
1482	260.3	20.2				280.5
1484	259.3	20.2				279.4
1486	258.3	20.2				278.5
1488	257.5	20.2				277.6
1490	256.7	20.2				276.9
1492	256.1	20.2				276.2
1494	255.4	20.2				275.6
1496	254.9	20.2				275.1
1498	254.4	20.2				274.5
1500	253.9	20.2				274.1
1502	253.5	20.2				273.7
1504	253.1	20.2				273.3
1506	252.8	20.2				272.9
1508	252.4	20.2				272.6
1510	252.1	20.2				272.3
1512	251.4	20.1				271.5
1514	250.6	19.8				270.4
1516	249.6	19.4				269.0
1518	248.2	18.9				267.2
1520	246.5	18.1				264.7

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1522	244.4	17.6				262.0
1524	241.7	17.3				259.0
1526	238.9	16.9				255.8
1528	235.8	16.7				252.5
1530	232.1	16.5				248.6
1532	227.6	16.3				243.9
1534	223.9	16.1				240.0
1536	221.0	16.0				237.0
1538	218.5	15.9				234.4
1540	216.3	15.8				232.1
1542	214.2	15.8				230.0
1544	212.2	15.7				228.0
1546	210.4	15.7				226.1
1548	208.7	15.6				224.4
1550	207.2	15.6				222.8
1552	205.8	15.6				221.4
1554	204.5	15.6				220.1
1556	203.4	15.5				218.9
1558	202.3	15.5				217.8
1560	201.4	15.5				216.9
1562	200.5	15.5				216.0
1564	199.7	15.5				215.3
1566	199.0	15.5				214.5
1568	198.4	15.5				213.9
1570	197.8	15.5				213.3
1572	197.3	15.5				212.8
1574	196.8	15.5				212.3
1576	196.4	15.5				211.9
1578	196.0	15.5				211.5
1580	195.6	15.5				211.1
1582	195.3	15.5				210.8
1584	195.0	15.5				210.5
1586	194.7	15.5				210.2
1588	194.4	15.5				209.9
1590	194.2	15.5				209.7
1592	193.9	15.5				209.4
1594	193.7	15.5				209.2
1596	193.5	15.5				209.0
1598	193.4	15.5				208.9
1600	193.2	15.5				208.7

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1602	193.0	15.5				208.6
1604	192.9	15.5				208.4
1606	192.8	15.5				208.3
1608	192.7	15.5				208.2
1610	192.6	15.5				208.1
1612	192.5	15.5				208.0
1614	192.5	15.5				208.0
1616	192.4	15.5				207.9
1618	192.4	15.5				207.9
1620	192.3	15.5				207.8
1622	192.3	15.5				207.8
1624	192.2	15.5				207.7
1626	192.2	15.5				207.7
1628	192.2	15.5				207.7
1630	192.2	15.5				207.7
1632	192.1	15.5				207.6
1634	192.1	15.5				207.6
1636	192.1	15.5				207.6
1638	192.1	15.5				207.6
1640	192.1	15.5				207.6
1642	192.1	15.5				207.6
1644	192.1	15.5				207.6
1646	192.1	15.5				207.6
1648	192.1	15.5				207.6
1650	192.1	15.5				207.6
1652	191.7	15.4				207.1
1654	191.1	15.2				206.3
1656	190.3	14.8				205.1
1658	189.2	14.3				203.5
1660	187.7	13.5				201.1
1662	185.6	13.0				198.6
1664	183.2	12.6				195.8
1666	180.4	12.3				192.7
1668	177.5	12.0				189.5
1670	173.9	11.8				185.7
1672	169.5	11.6				181.1
1674	165.9	11.5				177.3
1676	163.0	11.4				174.4
1678	160.6	11.3				171.9
1680	158.4	11.2				169.6

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2)	INTER-VENING cfs (NEVGB3)	( )	( )	( )	COMBINED cfs)
1682	155.4	10.9				166.3
1684	152.1	10.3				162.4
1686	148.5	9.3				157.8
1688	144.2	8.1				152.3
1690	139.1	6.2				145.3
1692	133.0	5.0				138.1
1694	126.0	4.2				130.1
1696	118.5	3.4				121.8
1698	110.5	2.7				113.3
1700	101.3	2.2				103.5
1702	90.1	1.8				91.8
1704	80.8	1.4				82.3
1706	73.6	1.2				74.7
1708	67.2	0.9				68.2
1710	61.6	0.8				62.3
1712	56.3	0.6				56.9
1714	51.3	0.5				51.8
1716	46.7	0.4				47.1
1718	42.4	0.3				42.7
1720	38.6	0.2				38.8
1722	35.0	0.2				35.2
1724	31.7	0.1				31.9
1726	28.8	0.1				28.9
1728	26.1	0.1				26.1
1730	23.6	0.0				23.7
1732	21.4	0.0				21.4
1734	19.4	0.0				19.4
1736	17.6					17.6
1738	15.9					15.9
1740	14.4					14.4
1742	13.0					13.0
1744	11.8					11.8
1746	10.7					10.7
1748	9.7					9.7
1750	8.7					8.7
1752	7.8					7.8
1754	7.0					7.0
1756	6.3					6.3
1758	5.6					5.6
1760	5.0					5.0

COMBINE CENTRAL SURFACE FACILITY WITH TUFF PILE AND E ARM
GENERAL STORM PMF
KLB 02-28-1986 14:14:09

FLOOD HYDROGRAPH VOLUME= 559159 CFS * 0.03 HRS
OR 1540 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGB2	INTER-VENING cfs)(NEVGB3	)(	)(	)(	COMBINED cfs)
1762	4.4					4.4
1764	3.9					3.9
1766	3.4					3.4
1768	3.0					3.0
1770	2.6					2.6
1772	2.2					2.2
1774	1.9					1.9
1776	1.6					1.6
1778	1.4					1.4
1780	1.2					1.2
1782	1.0					1.0
1784	0.8					0.8
1786	0.7					0.7
1788	0.6					0.6
1790	0.5					0.5
1792	0.4					0.4
1794	0.3					0.3
1796	0.2					0.2
1798	0.2					0.2
1800	0.1					0.1
1802	0.0					0.0

F GRAPH SUMMARY REPORT Table 34
VersNo= 1.0 Page 1

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

BASIN DATA

Basin Area= .23 square miles
Lag Time= .17 hours

LOSS DATA

Initial Loss= 0 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 14 hrs
Unit Duration= 1 min

VOLUME

Volume of Dgraph= 2390
Volume of Ugraph= .9957 in
Total Rainfall= 8.100006 in
Total Rainfall Excess= 7.26 in

Volume of Fgraph= 65617 cfs- 1.666667E-02 hr
or 90 ac-ft
or 7.371 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.00	0.004	0.001	0.003	91	0.3
2.00	0.004	0.001	0.003	137	0.7
3.00	0.004	0.001	0.003	213	1.4
4.00	0.004	0.001	0.003	318	2.4
5.00	0.004	0.001	0.003	447	3.8
6.00	0.004	0.001	0.003	531	5.5
7.00	0.004	0.001	0.003	586	7.4
8.00	0.004	0.001	0.003	793	9.9
9.00	0.004	0.001	0.003	804	12.4
10.00	0.004	0.001	0.003	573	14.2
11.00	0.004	0.001	0.003	472	15.7
12.00	0.004	0.001	0.003	416	17.0
13.00	0.004	0.001	0.003	387	18.3
14.00	0.004	0.001	0.003	355	19.4
15.00	0.004	0.001	0.003	318	20.4
16.00	0.004	0.001	0.003	283	21.3
17.00	0.004	0.001	0.003	251	22.1
18.00	0.004	0.001	0.003	222	22.8
19.00	0.004	0.001	0.003	197	23.4
20.00	0.004	0.001	0.003	173	24.0
21.00	0.004	0.001	0.003	152	24.4
22.00	0.004	0.001	0.003	134	24.9
23.00	0.004	0.001	0.003	118	25.2
24.00	0.004	0.001	0.003	104	25.6
25.00	0.004	0.001	0.003	92	25.9
26.00	0.004	0.001	0.003	82	26.1
27.00	0.004	0.001	0.003	74	26.4
28.00	0.004	0.001	0.003	67	26.6
29.00	0.004	0.001	0.003	61	26.8
30.00	0.004	0.001	0.003	55	26.9
31.00	0.004	0.001	0.003	50	27.1
32.00	0.004	0.001	0.003	45	27.2
33.00	0.004	0.001	0.003	40	27.4
34.00	0.004	0.001	0.003	35	27.5
35.00	0.004	0.001	0.003	31	27.6
36.00	0.004	0.001	0.003	27	27.7
37.00	0.004	0.001	0.003	24	27.7
38.00	0.004	0.001	0.003	20	27.8
39.00	0.004	0.001	0.003	17	27.9
40.00	0.004	0.001	0.003	15	27.9
41.00	0.004	0.001	0.003	12	27.9

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
42.00	0.004	0.001	0.003	10	28.0
43.00	0.004	0.001	0.003	8	28.0
44.00	0.004	0.001	0.003	7	28.0
45.00	0.004	0.001	0.003	6	28.0
46.00	0.004	0.001	0.003	5	28.1
47.00	0.004	0.001	0.003	4	28.1
48.00	0.004	0.001	0.003	4	28.1
49.00	0.004	0.001	0.003		28.1
50.00	0.004	0.001	0.003		28.1
51.00	0.004	0.001	0.003		28.1
52.00	0.004	0.001	0.003		28.1
53.00	0.004	0.001	0.003		28.1
54.00	0.004	0.001	0.003		28.1
55.00	0.004	0.001	0.003		28.1
56.00	0.004	0.001	0.003		28.1
57.00	0.004	0.001	0.003		28.1
58.00	0.004	0.001	0.003		28.1
59.00	0.004	0.001	0.003		28.1
60.00	0.004	0.001	0.003		28.1
61.00	0.004	0.001	0.003		28.1
62.00	0.004	0.001	0.003		28.1
63.00	0.004	0.001	0.003		28.1
64.00	0.004	0.001	0.003		28.1
65.00	0.004	0.001	0.003		28.1
66.00	0.004	0.001	0.003		28.1
67.00	0.004	0.001	0.003		28.1
68.00	0.004	0.001	0.003		28.1
69.00	0.004	0.001	0.003		28.1
70.00	0.004	0.001	0.003		28.1
71.00	0.004	0.001	0.003		28.1
72.00	0.004	0.001	0.003		28.1
73.00	0.004	0.001	0.003		28.1
74.00	0.004	0.001	0.003		28.1
75.00	0.004	0.001	0.003		28.1
76.00	0.004	0.001	0.003		28.1
77.00	0.004	0.001	0.003		28.1
78.00	0.004	0.001	0.003		28.1
79.00	0.004	0.001	0.003		28.1
80.00	0.004	0.001	0.003		28.1
81.00	0.004	0.001	0.003		28.1
82.00	0.004	0.001	0.003		28.1

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
83.00	0.004	0.001	0.003		28.1
84.00	0.004	0.001	0.003		28.1
85.00	0.004	0.001	0.003		28.1
86.00	0.004	0.001	0.003		28.1
87.00	0.004	0.001	0.003		28.1
88.00	0.004	0.001	0.003		28.1
89.00	0.004	0.001	0.003		28.1
90.00	0.004	0.001	0.003		28.1
91.00	0.004	0.001	0.003		28.1
92.00	0.004	0.001	0.003		28.1
93.00	0.004	0.001	0.003		28.1
94.00	0.005	0.001	0.004		28.2
95.00	0.005	0.001	0.004		28.3
96.00	0.005	0.001	0.004		28.5
97.00	0.005	0.001	0.004		28.8
98.00	0.005	0.001	0.004		29.3
99.00	0.005	0.001	0.004		29.8
100.00	0.005	0.001	0.004		30.4
101.00	0.005	0.001	0.004		31.2
102.00	0.005	0.001	0.004		32.0
103.00	0.005	0.001	0.004		32.6
104.00	0.005	0.001	0.004		33.0
105.00	0.005	0.001	0.004		33.5
106.00	0.005	0.001	0.004		33.8
107.00	0.005	0.001	0.004		34.2
108.00	0.005	0.001	0.004		34.5
109.00	0.005	0.001	0.004		34.8
110.00	0.005	0.001	0.004		35.1
111.00	0.005	0.001	0.004		35.3
112.00	0.005	0.001	0.004		35.5
113.00	0.005	0.001	0.004		35.6
114.00	0.005	0.001	0.004		35.8
115.00	0.005	0.001	0.004		35.9
116.00	0.005	0.001	0.004		36.1
117.00	0.005	0.001	0.004		36.2
118.00	0.005	0.001	0.004		36.2
119.00	0.005	0.001	0.004		36.3
120.00	0.005	0.001	0.004		36.4
121.00	0.005	0.001	0.004		36.5
122.00	0.005	0.001	0.004		36.5
123.00	0.005	0.001	0.004		36.6

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
124.00	0.005	0.001	0.004		36.6
125.00	0.005	0.001	0.004		36.7
126.00	0.005	0.001	0.004		36.7
127.00	0.005	0.001	0.004		36.8
128.00	0.005	0.001	0.004		36.8
129.00	0.005	0.001	0.004		36.8
130.00	0.005	0.001	0.004		36.8
131.00	0.005	0.001	0.004		36.9
132.00	0.005	0.001	0.004		36.9
133.00	0.005	0.001	0.004		36.9
134.00	0.005	0.001	0.004		36.9
135.00	0.005	0.001	0.004		36.9
136.00	0.005	0.001	0.004		36.9
137.00	0.005	0.001	0.004		36.9
138.00	0.005	0.001	0.004		36.9
139.00	0.005	0.001	0.004		36.9
140.00	0.005	0.001	0.004		36.9
141.00	0.005	0.001	0.004		36.9
142.00	0.005	0.001	0.004		36.9
143.00	0.005	0.001	0.004		36.9
144.00	0.005	0.001	0.004		36.9
145.00	0.005	0.001	0.004		36.9
146.00	0.005	0.001	0.004		36.9
147.00	0.005	0.001	0.004		36.9
148.00	0.005	0.001	0.004		36.9
149.00	0.005	0.001	0.004		36.9
150.00	0.005	0.001	0.004		36.9
151.00	0.005	0.001	0.004		36.9
152.00	0.005	0.001	0.004		36.9
153.00	0.005	0.001	0.004		36.9
154.00	0.005	0.001	0.004		36.9
155.00	0.005	0.001	0.004		36.9
156.00	0.005	0.001	0.004		36.9
157.00	0.005	0.001	0.004		36.9
158.00	0.005	0.001	0.004		36.9
159.00	0.005	0.001	0.004		36.9
160.00	0.005	0.001	0.004		36.9
161.00	0.005	0.001	0.004		36.9
162.00	0.005	0.001	0.004		36.9
163.00	0.005	0.001	0.004		36.9
164.00	0.005	0.001	0.004		36.9

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
165.00	0.005	0.001	0.004		36.9
166.00	0.005	0.001	0.004		36.9
167.00	0.005	0.001	0.004		36.9
168.00	0.005	0.001	0.004		36.9
169.00	0.005	0.001	0.004		36.9
170.00	0.005	0.001	0.004		36.9
171.00	0.005	0.001	0.004		36.9
172.00	0.005	0.001	0.004		36.9
173.00	0.005	0.001	0.004		36.9
174.00	0.005	0.001	0.004		36.9
175.00	0.005	0.001	0.004		36.9
176.00	0.005	0.001	0.004		36.9
177.00	0.005	0.001	0.004		36.9
178.00	0.005	0.001	0.004		36.9
179.00	0.005	0.001	0.004		36.9
180.00	0.005	0.001	0.004		36.9
181.00	0.005	0.001	0.004		36.9
182.00	0.005	0.001	0.004		36.9
183.00	0.005	0.001	0.004		36.9
184.00	0.005	0.001	0.004		36.9
185.00	0.005	0.001	0.004		36.9
186.00	0.005	0.001	0.004		36.9
187.00	0.005	0.001	0.004		36.9
188.00	0.005	0.001	0.004		36.9
189.00	0.005	0.001	0.004		36.9
190.00	0.005	0.001	0.004		36.9
191.00	0.005	0.001	0.004		36.9
192.00	0.005	0.001	0.004		36.9
193.00	0.005	0.001	0.004		36.9
194.00	0.005	0.001	0.004		36.9
195.00	0.005	0.001	0.004		36.9
196.00	0.005	0.001	0.004		36.9
197.00	0.005	0.001	0.004		36.9
198.00	0.005	0.001	0.004		36.9
199.00	0.005	0.001	0.004		36.9
200.00	0.005	0.001	0.004		36.9
201.00	0.005	0.001	0.004		36.9
202.00	0.005	0.001	0.004		36.9
203.00	0.005	0.001	0.004		36.9
204.00	0.005	0.001	0.004		36.9
205.00	0.005	0.001	0.004		36.9

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
206.00	0.006	0.001	0.005		37.0
207.00	0.006	0.001	0.005		37.2
208.00	0.006	0.001	0.005		37.4
209.00	0.006	0.001	0.005		37.7
210.00	0.006	0.001	0.005		38.2
211.00	0.006	0.001	0.005		38.7
212.00	0.006	0.001	0.005		39.3
213.00	0.006	0.001	0.005		40.1
214.00	0.006	0.001	0.005		40.9
215.00	0.006	0.001	0.005		41.4
216.00	0.006	0.001	0.005		41.9
217.00	0.006	0.001	0.005		42.3
218.00	0.006	0.001	0.005		42.7
219.00	0.006	0.001	0.005		43.1
220.00	0.006	0.001	0.005		43.4
221.00	0.006	0.001	0.005		43.7
222.00	0.006	0.001	0.005		43.9
223.00	0.006	0.001	0.005		44.1
224.00	0.006	0.001	0.005		44.3
225.00	0.006	0.001	0.005		44.5
226.00	0.006	0.001	0.005		44.7
227.00	0.006	0.001	0.005		44.8
228.00	0.006	0.001	0.005		44.9
229.00	0.006	0.001	0.005		45.0
230.00	0.006	0.001	0.005		45.1
231.00	0.006	0.001	0.005		45.2
232.00	0.006	0.001	0.005		45.3
233.00	0.006	0.001	0.005		45.3
234.00	0.006	0.001	0.005		45.4
235.00	0.006	0.001	0.005		45.5
236.00	0.006	0.001	0.005		45.5
237.00	0.006	0.001	0.005		45.5
238.00	0.006	0.001	0.005		45.6
239.00	0.006	0.001	0.005		45.6
240.00	0.006	0.001	0.005		45.7
241.00	0.006	0.001	0.005		45.7
242.00	0.006	0.001	0.005		45.7
243.00	0.006	0.001	0.005		45.7
244.00	0.006	0.001	0.005		45.7
245.00	0.006	0.001	0.005		45.8
246.00	0.006	0.001	0.005		45.8

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
247.00	0.006	0.001	0.005		45.8
248.00	0.006	0.001	0.005		45.8
249.00	0.006	0.001	0.005		45.8
250.00	0.006	0.001	0.005		45.8
251.00	0.006	0.001	0.005		45.8
252.00	0.006	0.001	0.005		45.8
253.00	0.006	0.001	0.005		45.8
254.00	0.006	0.001	0.005		45.8
255.00	0.006	0.001	0.005		45.8
256.00	0.006	0.001	0.005		45.8
257.00	0.006	0.001	0.005		45.8
258.00	0.006	0.001	0.005		45.8
259.00	0.006	0.001	0.005		45.8
260.00	0.006	0.001	0.005		45.8
261.00	0.006	0.001	0.005		45.8
262.00	0.006	0.001	0.005		45.8
263.00	0.006	0.001	0.005		45.8
264.00	0.006	0.001	0.005		45.8
265.00	0.006	0.001	0.005		45.8
266.00	0.006	0.001	0.005		45.8
267.00	0.006	0.001	0.005		45.8
268.00	0.006	0.001	0.005		45.8
269.00	0.006	0.001	0.005		45.8
270.00	0.006	0.001	0.005		45.8
271.00	0.006	0.001	0.005		45.8
272.00	0.006	0.001	0.005		45.8
273.00	0.006	0.001	0.005		45.8
274.00	0.006	0.001	0.005		45.8
275.00	0.006	0.001	0.005		45.8
276.00	0.006	0.001	0.005		45.8
277.00	0.006	0.001	0.005		45.8
278.00	0.006	0.001	0.005		45.8
279.00	0.006	0.001	0.005		45.8
280.00	0.006	0.001	0.005		45.8
281.00	0.006	0.001	0.005		45.8
282.00	0.006	0.001	0.005		45.8
283.00	0.006	0.001	0.005		45.8
284.00	0.006	0.001	0.005		45.8
285.00	0.006	0.001	0.005		45.8
286.00	0.006	0.001	0.005		45.8
287.00	0.006	0.001	0.005		45.8

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
288.00	0.006	0.001	0.005		45.8
289.00	0.006	0.001	0.005		45.8
290.00	0.006	0.001	0.005		45.8
291.00	0.006	0.001	0.005		45.8
292.00	0.006	0.001	0.005		45.8
293.00	0.006	0.001	0.005		45.8
294.00	0.006	0.001	0.005		45.8
295.00	0.006	0.001	0.005		45.8
296.00	0.006	0.001	0.005		45.8
297.00	0.006	0.001	0.005		45.8
298.00	0.006	0.001	0.005		45.8
299.00	0.006	0.001	0.005		45.8
300.00	0.006	0.001	0.005		45.8
301.00	0.006	0.001	0.005		45.8
302.00	0.006	0.001	0.005		45.8
303.00	0.006	0.001	0.005		45.8
304.00	0.006	0.001	0.005		45.8
305.00	0.006	0.001	0.005		45.8
306.00	0.006	0.001	0.005		45.8
307.00	0.006	0.001	0.005		45.8
308.00	0.006	0.001	0.005		45.8
309.00	0.006	0.001	0.005		45.8
310.00	0.006	0.001	0.005		45.8
311.00	0.006	0.001	0.005		45.8
312.00	0.006	0.001	0.005		45.8
313.00	0.006	0.001	0.005		45.8
314.00	0.006	0.001	0.005		45.8
315.00	0.006	0.001	0.005		45.8
316.00	0.006	0.001	0.005		45.8
317.00	0.006	0.001	0.005		45.8
318.00	0.006	0.001	0.005		45.8
319.00	0.006	0.001	0.005		45.8
320.00	0.006	0.001	0.005		45.8
321.00	0.006	0.001	0.005		45.8
322.00	0.006	0.001	0.005		45.8
323.00	0.006	0.001	0.005		45.8
324.00	0.006	0.001	0.005		45.8
325.00	0.006	0.001	0.005		45.8
326.00	0.006	0.001	0.005		45.8
327.00	0.006	0.001	0.005		45.8
328.00	0.006	0.001	0.005		45.8

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
329.00	0.006	0.001	0.005		45.8
330.00	0.006	0.001	0.005		45.8
331.00	0.006	0.001	0.005		45.8
332.00	0.006	0.001	0.005		45.8
333.00	0.006	0.001	0.005		45.8
334.00	0.006	0.001	0.005		45.8
335.00	0.006	0.001	0.005		45.8
336.00	0.006	0.001	0.005		45.8
337.00	0.006	0.001	0.005		45.8
338.00	0.006	0.001	0.005		45.8
339.00	0.006	0.001	0.005		45.8
340.00	0.006	0.001	0.005		45.8
341.00	0.007	0.001	0.006		45.9
342.00	0.007	0.001	0.006		46.0
343.00	0.007	0.001	0.006		46.3
344.00	0.007	0.001	0.006		46.6
345.00	0.007	0.001	0.006		47.0
346.00	0.007	0.001	0.006		47.6
347.00	0.007	0.001	0.006		48.1
348.00	0.007	0.001	0.006		48.9
349.00	0.007	0.001	0.006		49.7
350.00	0.007	0.001	0.006		50.3
351.00	0.007	0.001	0.006		50.8
352.00	0.007	0.001	0.006		51.2
353.00	0.007	0.001	0.006		51.6
354.00	0.007	0.001	0.006		51.9
355.00	0.007	0.001	0.006		52.3
356.00	0.007	0.001	0.006		52.5
357.00	0.007	0.001	0.006		52.8
358.00	0.007	0.001	0.006		53.0
359.00	0.007	0.001	0.006		53.2
360.00	0.007	0.001	0.006		53.4
361.00	0.007	0.001	0.006		53.5
362.00	0.007	0.001	0.006		53.7
363.00	0.007	0.001	0.006		53.8
364.00	0.007	0.001	0.006		53.9
365.00	0.007	0.001	0.006		54.0
366.00	0.007	0.001	0.006		54.1
367.00	0.007	0.001	0.006		54.1
368.00	0.007	0.001	0.006		54.2
369.00	0.007	0.001	0.006		54.3

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
370.00	0.007	0.001	0.006		54.3
371.00	0.007	0.001	0.006		54.4
372.00	0.007	0.001	0.006		54.4
373.00	0.007	0.001	0.006		54.5
374.00	0.007	0.001	0.006		54.5
375.00	0.007	0.001	0.006		54.5
376.00	0.007	0.001	0.006		54.5
377.00	0.007	0.001	0.006		54.6
378.00	0.007	0.001	0.006		54.6
379.00	0.007	0.001	0.006		54.6
380.00	0.007	0.001	0.006		54.6
381.00	0.007	0.001	0.006		54.6
382.00	0.007	0.001	0.006		54.6
383.00	0.007	0.001	0.006		54.7
384.00	0.007	0.001	0.006		54.7
385.00	0.007	0.001	0.006		54.7
386.00	0.007	0.001	0.006		54.7
387.00	0.007	0.001	0.006		54.7
388.00	0.007	0.001	0.006		54.7
389.00	0.007	0.001	0.006		54.7
390.00	0.007	0.001	0.006		54.7
391.00	0.007	0.001	0.006		54.7
392.00	0.007	0.001	0.006		54.7
393.00	0.007	0.001	0.006		54.7
394.00	0.007	0.001	0.006		54.7
395.00	0.007	0.001	0.006		54.7
396.00	0.007	0.001	0.006		54.7
397.00	0.007	0.001	0.006		54.7
398.00	0.007	0.001	0.006		54.7
399.00	0.007	0.001	0.006		54.7
400.00	0.007	0.001	0.006		54.7
401.00	0.007	0.001	0.006		54.7
402.00	0.007	0.001	0.006		54.7
403.00	0.007	0.001	0.006		54.7
404.00	0.007	0.001	0.006		54.7
405.00	0.007	0.001	0.006		54.7
406.00	0.007	0.001	0.006		54.7
407.00	0.008	0.001	0.007		54.8
408.00	0.008	0.001	0.007		54.9
409.00	0.008	0.001	0.007		55.1
410.00	0.008	0.001	0.007		55.4

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
411.00	0.008	0.001	0.007		55.9
412.00	0.008	0.001	0.007		56.4
413.00	0.008	0.001	0.007		57.0
414.00	0.008	0.001	0.007		57.8
415.00	0.008	0.001	0.007		58.6
416.00	0.008	0.001	0.007		59.2
417.00	0.008	0.001	0.007		59.6
418.00	0.008	0.001	0.007		60.1
419.00	0.008	0.001	0.007		60.4
420.00	0.008	0.001	0.007		60.8
421.00	0.008	0.001	0.007		61.1
422.00	0.008	0.001	0.007		61.4
423.00	0.008	0.001	0.007		61.7
424.00	0.009	0.001	0.008		62.0
425.00	0.009	0.001	0.008		62.3
426.00	0.009	0.001	0.008		62.7
427.00	0.009	0.001	0.008		63.2
428.00	0.009	0.001	0.008		63.7
429.00	0.009	0.001	0.008		64.4
430.00	0.009	0.001	0.008		65.1
431.00	0.009	0.001	0.008		66.0
432.00	0.009	0.001	0.008		66.9
433.00	0.009	0.001	0.008		67.5
434.00	0.010	0.001	0.009		68.1
435.00	0.010	0.001	0.009		68.7
436.00	0.010	0.001	0.009		69.4
437.00	0.010	0.001	0.009		70.1
438.00	0.010	0.001	0.009		70.9
439.00	0.010	0.001	0.009		71.8
440.00	0.010	0.001	0.009		72.7
441.00	0.010	0.001	0.009		73.7
442.00	0.011	0.001	0.010		74.8
443.00	0.011	0.001	0.010		75.7
444.00	0.011	0.001	0.010		76.6
445.00	0.011	0.001	0.010		77.5
446.00	0.011	0.001	0.010		78.4
447.00	0.011	0.001	0.010		79.4
448.00	0.011	0.001	0.010		80.4
449.00	0.011	0.001	0.010		81.6
450.00	0.012	0.001	0.011		82.8
451.00	0.012	0.001	0.011		83.8

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
452.00	0.012	0.001	0.011		84.8
453.00	0.012	0.001	0.011		85.8
454.00	0.012	0.001	0.011		86.8
455.00	0.012	0.001	0.011		87.9
456.00	0.013	0.001	0.012		89.0
457.00	0.013	0.001	0.012		90.4
458.00	0.013	0.001	0.012		91.8
459.00	0.013	0.001	0.012		93.0
460.00	0.013	0.001	0.012		94.2
461.00	0.013	0.001	0.012		95.4
462.00	0.014	0.001	0.013		96.7
463.00	0.014	0.001	0.013		98.2
464.00	0.014	0.001	0.013		99.7
465.00	0.014	0.001	0.013		101.0
466.00	0.014	0.001	0.013		102.3
467.00	0.015	0.001	0.014		103.7
468.00	0.015	0.001	0.014		105.1
469.00	0.015	0.001	0.014		106.8
470.00	0.015	0.001	0.014		108.5
471.00	0.015	0.001	0.014		110.0
472.00	0.016	0.001	0.015		111.5
473.00	0.016	0.001	0.015		113.0
474.00	0.016	0.001	0.015		114.8
475.00	0.016	0.001	0.015		116.5
476.00	0.017	0.001	0.016		118.2
477.00	0.017	0.001	0.016		119.9
478.00	0.017	0.001	0.016		121.6
479.00	0.017	0.001	0.016		123.5
480.00	0.017	0.001	0.016		125.4
481.00	0.018	0.001	0.017		127.3
482.00	0.018	0.001	0.017		129.0
483.00	0.018	0.001	0.017		130.9
484.00	0.018	0.001	0.017		132.9
485.00	0.019	0.001	0.018		134.8
486.00	0.019	0.001	0.018		136.6
487.00	0.019	0.001	0.018		138.4
488.00	0.019	0.001	0.018		140.4
489.00	0.020	0.001	0.019		142.5
490.00	0.020	0.001	0.019		144.5
491.00	0.020	0.001	0.019		146.4
492.00	0.020	0.001	0.019		148.5

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
493.00	0.021	0.001	0.020		150.7
494.00	0.021	0.001	0.020		152.8
495.00	0.021	0.001	0.020		154.8
496.00	0.022	0.001	0.021		157.0
497.00	0.022	0.001	0.021		159.3
498.00	0.022	0.001	0.021		161.5
499.00	0.022	0.001	0.021		163.6
500.00	0.023	0.001	0.022		166.0
501.00	0.023	0.001	0.022		168.5
502.00	0.023	0.001	0.022		170.7
503.00	0.023	0.001	0.022		173.1
504.00	0.024	0.001	0.023		175.6
505.00	0.024	0.001	0.023		177.8
506.00	0.024	0.001	0.023		180.0
507.00	0.025	0.001	0.024		182.4
508.00	0.025	0.001	0.024		184.9
509.00	0.025	0.001	0.024		187.2
510.00	0.026	0.001	0.025		189.5
511.00	0.026	0.001	0.025		192.1
512.00	0.026	0.001	0.025		194.7
513.00	0.027	0.001	0.026		197.2
514.00	0.027	0.001	0.026		199.9
515.00	0.027	0.001	0.026		202.6
516.00	0.028	0.001	0.027		205.2
517.00	0.028	0.001	0.027		208.0
518.00	0.028	0.001	0.027		210.8
519.00	0.029	0.001	0.028		213.5
520.00	0.029	0.001	0.028		216.4
521.00	0.029	0.001	0.028		219.2
522.00	0.030	0.001	0.029		222.0
523.00	0.030	0.001	0.029		224.9
524.00	0.030	0.001	0.029		227.8
525.00	0.031	0.001	0.030		230.6
526.00	0.031	0.001	0.030		233.5
527.00	0.031	0.001	0.030		236.5
528.00	0.032	0.001	0.031		239.3
529.00	0.032	0.001	0.031		242.2
530.00	0.033	0.001	0.032		245.3
531.00	0.033	0.001	0.032		248.2
532.00	0.033	0.001	0.032		251.2
533.00	0.034	0.001	0.033		254.4

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
534.00	0.034	0.001	0.033		257.4
535.00	0.034	0.001	0.033		260.5
536.00	0.035	0.001	0.034		263.8
537.00	0.035	0.001	0.034		267.0
538.00	0.036	0.001	0.035		270.3
539.00	0.036	0.001	0.035		273.3
540.00	0.036	0.001	0.035		276.5
541.00	0.037	0.001	0.036		279.8
542.00	0.037	0.001	0.036		283.0
543.00	0.037	0.001	0.036		286.3
544.00	0.038	0.001	0.037		289.6
545.00	0.038	0.001	0.037		292.9
546.00	0.039	0.001	0.038		296.3
547.00	0.039	0.001	0.038		299.4
548.00	0.040	0.001	0.039		302.7
549.00	0.040	0.001	0.039		306.2
550.00	0.040	0.001	0.039		309.4
551.00	0.041	0.001	0.040		313.0
552.00	0.041	0.001	0.040		316.5
553.00	0.042	0.001	0.041		320.1
554.00	0.042	0.001	0.041		323.7
555.00	0.042	0.001	0.041		327.2
556.00	0.043	0.001	0.042		330.8
557.00	0.043	0.001	0.042		334.2
558.00	0.044	0.001	0.043		337.8
559.00	0.044	0.001	0.043		341.4
560.00	0.045	0.001	0.044		345.1
561.00	0.044	0.001	0.043		348.6
562.00	0.043	0.001	0.042		351.9
563.00	0.042	0.001	0.041		355.0
564.00	0.041	0.001	0.040		357.8
565.00	0.040	0.001	0.039		360.1
566.00	0.039	0.001	0.038		361.6
567.00	0.039	0.001	0.038		362.4
568.00	0.038	0.001	0.037		362.2
569.00	0.037	0.001	0.036		360.8
570.00	0.036	0.001	0.035		358.6
571.00	0.035	0.001	0.034		355.9
572.00	0.035	0.001	0.034		352.8
573.00	0.034	0.001	0.033		349.2
574.00	0.033	0.001	0.032		345.4

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
575.00	0.032	0.001	0.031		341.2
576.00	0.032	0.001	0.031		336.6
577.00	0.031	0.001	0.030		331.6
578.00	0.030	0.001	0.029		326.4
579.00	0.029	0.001	0.028		321.2
580.00	0.029	0.001	0.028		316.0
581.00	0.028	0.001	0.027		310.3
582.00	0.027	0.001	0.026		304.5
583.00	0.027	0.001	0.026		298.8
584.00	0.026	0.001	0.025		293.1
585.00	0.025	0.001	0.024		287.1
586.00	0.025	0.001	0.024		281.1
587.00	0.024	0.001	0.023		275.3
588.00	0.024	0.001	0.023		269.6
589.00	0.023	0.001	0.022		263.6
590.00	0.022	0.001	0.021		257.8
591.00	0.022	0.001	0.021		252.1
592.00	0.021	0.001	0.020		246.3
593.00	0.021	0.001	0.020		240.6
594.00	0.020	0.001	0.019		235.0
595.00	0.020	0.001	0.019		229.5
596.00	0.019	0.001	0.018		224.0
597.00	0.019	0.001	0.018		218.4
598.00	0.018	0.001	0.017		213.0
599.00	0.018	0.001	0.017		207.8
600.00	0.017	0.001	0.016		202.7
601.00	0.017	0.001	0.016		197.6
602.00	0.016	0.001	0.015		192.6
603.00	0.016	0.001	0.015		187.7
604.00	0.016	0.001	0.015		182.8
605.00	0.015	0.001	0.014		178.1
606.00	0.015	0.001	0.014		173.4
607.00	0.014	0.001	0.013		168.8
608.00	0.014	0.001	0.013		164.4
609.00	0.014	0.001	0.013		160.0
610.00	0.013	0.001	0.012		155.7
611.00	0.013	0.001	0.012		151.7
612.00	0.012	0.001	0.011		147.6
613.00	0.012	0.001	0.011		143.6
614.00	0.012	0.001	0.011		139.6
615.00	0.012	0.001	0.011		135.7

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
616.00	0.011	0.001	0.010		132.0
617.00	0.011	0.001	0.010		128.3
618.00	0.011	0.001	0.010		124.7
619.00	0.010	0.001	0.009		121.2
620.00	0.010	0.001	0.009		117.7
621.00	0.010	0.001	0.009		114.6
622.00	0.010	0.001	0.009		111.6
623.00	0.009	0.001	0.008		108.4
624.00	0.009	0.001	0.008		105.3
625.00	0.009	0.001	0.008		102.4
626.00	0.009	0.001	0.008		99.5
627.00	0.009	0.001	0.008		96.7
628.00	0.009	0.001	0.008		94.2
629.00	0.008	0.001	0.007		91.7
630.00	0.008	0.001	0.007		89.3
631.00	0.008	0.001	0.007		86.9
632.00	0.008	0.001	0.007		84.8
633.00	0.008	0.001	0.007		82.8
634.00	0.008	0.001	0.007		80.9
635.00	0.008	0.001	0.007		79.1
636.00	0.008	0.001	0.007		77.2
637.00	0.007	0.001	0.006		75.3
638.00	0.007	0.001	0.006		73.7
639.00	0.007	0.001	0.006		72.3
640.00	0.007	0.001	0.006		70.9
641.00	0.007	0.001	0.006		69.4
642.00	0.007	0.001	0.006		68.0
643.00	0.007	0.001	0.006		66.7
644.00	0.007	0.001	0.006		65.2
645.00	0.007	0.001	0.006		63.8
646.00	0.007	0.001	0.006		62.7
647.00	0.007	0.001	0.006		61.7
648.00	0.007	0.001	0.006		60.9
649.00	0.007	0.001	0.006		60.2
650.00	0.007	0.001	0.006		59.5
651.00	0.007	0.001	0.006		58.9
652.00	0.007	0.001	0.006		58.4
653.00	0.007	0.001	0.006		57.9
654.00	0.007	0.001	0.006		57.5
655.00	0.007	0.001	0.006		57.1
656.00	0.007	0.001	0.006		56.8

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
657.00	0.007	0.001	0.006		56.5
658.00	0.007	0.001	0.006		56.3
659.00	0.007	0.001	0.006		56.1
660.00	0.007	0.001	0.006		55.9
661.00	0.007	0.001	0.006		55.7
662.00	0.007	0.001	0.006		55.6
663.00	0.007	0.001	0.006		55.4
664.00	0.007	0.001	0.006		55.3
665.00	0.007	0.001	0.006		55.2
666.00	0.007	0.001	0.006		55.1
667.00	0.007	0.001	0.006		55.1
668.00	0.007	0.001	0.006		55.0
669.00	0.007	0.001	0.006		55.0
670.00	0.006	0.001	0.005		54.8
671.00	0.006	0.001	0.005		54.6
672.00	0.006	0.001	0.005		54.4
673.00	0.006	0.001	0.005		54.0
674.00	0.006	0.001	0.005		53.6
675.00	0.006	0.001	0.005		53.0
676.00	0.006	0.001	0.005		52.4
677.00	0.006	0.001	0.005		51.6
678.00	0.006	0.001	0.005		50.8
679.00	0.006	0.001	0.005		50.2
680.00	0.006	0.001	0.005		49.7
681.00	0.006	0.001	0.005		49.3
682.00	0.006	0.001	0.005		48.9
683.00	0.006	0.001	0.005		48.6
684.00	0.006	0.001	0.005		48.2
685.00	0.006	0.001	0.005		48.0
686.00	0.006	0.001	0.005		47.7
687.00	0.006	0.001	0.005		47.5
688.00	0.006	0.001	0.005		47.3
689.00	0.006	0.001	0.005		47.1
690.00	0.006	0.001	0.005		47.0
691.00	0.006	0.001	0.005		46.8
692.00	0.006	0.001	0.005		46.7
693.00	0.006	0.001	0.005		46.6
694.00	0.006	0.001	0.005		46.5
695.00	0.006	0.001	0.005		46.4
696.00	0.006	0.001	0.005		46.4
697.00	0.006	0.001	0.005		46.3

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
698.00	0.006	0.001	0.005		46.2
699.00	0.006	0.001	0.005		46.2
700.00	0.006	0.001	0.005		46.1
701.00	0.006	0.001	0.005		46.1
702.00	0.006	0.001	0.005		46.0
703.00	0.006	0.001	0.005		46.0
704.00	0.006	0.001	0.005		46.0
705.00	0.006	0.001	0.005		45.9
706.00	0.006	0.001	0.005		45.9
707.00	0.006	0.001	0.005		45.9
708.00	0.006	0.001	0.005		45.9
709.00	0.006	0.001	0.005		45.9
710.00	0.006	0.001	0.005		45.9
711.00	0.006	0.001	0.005		45.8
712.00	0.006	0.001	0.005		45.8
713.00	0.006	0.001	0.005		45.8
714.00	0.006	0.001	0.005		45.8
715.00	0.006	0.001	0.005		45.8
716.00	0.006	0.001	0.005		45.8
717.00	0.006	0.001	0.005		45.8
718.00	0.006	0.001	0.005		45.8
719.00	0.006	0.001	0.005		45.8
720.00	0.006	0.001	0.005		45.8
721.00	0.006	0.001	0.005		45.8
722.00	0.006	0.001	0.005		45.8
723.00	0.006	0.001	0.005		45.8
724.00	0.006	0.001	0.005		45.8
725.00	0.006	0.001	0.005		45.8
726.00	0.006	0.001	0.005		45.8
727.00	0.006	0.001	0.005		45.8
728.00	0.006	0.001	0.005		45.8
729.00	0.006	0.001	0.005		45.8
730.00	0.006	0.001	0.005		45.8
731.00	0.006	0.001	0.005		45.8
732.00	0.006	0.001	0.005		45.8
733.00	0.006	0.001	0.005		45.8
734.00	0.006	0.001	0.005		45.8
735.00	0.006	0.001	0.005		45.8
736.00	0.006	0.001	0.005		45.8
737.00	0.005	0.001	0.004		45.7
738.00	0.005	0.001	0.004		45.6

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
739.00	0.005	0.001	0.004		45.4
740.00	0.005	0.001	0.004		45.1
741.00	0.005	0.001	0.004		44.6
742.00	0.005	0.001	0.004		44.1
743.00	0.005	0.001	0.004		43.5
744.00	0.005	0.001	0.004		42.7
745.00	0.005	0.001	0.004		41.9
746.00	0.005	0.001	0.004		41.3
747.00	0.005	0.001	0.004		40.8
748.00	0.005	0.001	0.004		40.4
749.00	0.005	0.001	0.004		40.0
750.00	0.005	0.001	0.004		39.7
751.00	0.005	0.001	0.004		39.4
752.00	0.005	0.001	0.004		39.1
753.00	0.005	0.001	0.004		38.8
754.00	0.005	0.001	0.004		38.6
755.00	0.005	0.001	0.004		38.4
756.00	0.005	0.001	0.004		38.2
757.00	0.005	0.001	0.004		38.1
758.00	0.005	0.001	0.004		38.0
759.00	0.005	0.001	0.004		37.8
760.00	0.005	0.001	0.004		37.7
761.00	0.005	0.001	0.004		37.6
762.00	0.005	0.001	0.004		37.6
763.00	0.005	0.001	0.004		37.5
764.00	0.005	0.001	0.004		37.4
765.00	0.005	0.001	0.004		37.4
766.00	0.005	0.001	0.004		37.3
767.00	0.005	0.001	0.004		37.3
768.00	0.005	0.001	0.004		37.2
769.00	0.005	0.001	0.004		37.2
770.00	0.005	0.001	0.004		37.1
771.00	0.005	0.001	0.004		37.1
772.00	0.005	0.001	0.004		37.1
773.00	0.005	0.001	0.004		37.1
774.00	0.005	0.001	0.004		37.0
775.00	0.005	0.001	0.004		37.0
776.00	0.005	0.001	0.004		37.0
777.00	0.005	0.001	0.004		37.0
778.00	0.005	0.001	0.004		37.0
779.00	0.005	0.001	0.004		37.0

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
780.00	0.005	0.001	0.004		37.0
781.00	0.005	0.001	0.004		37.0
782.00	0.005	0.001	0.004		37.0
783.00	0.005	0.001	0.004		37.0
784.00	0.005	0.001	0.004		36.9
785.00	0.005	0.001	0.004		36.9
786.00	0.005	0.001	0.004		36.9
787.00	0.005	0.001	0.004		36.9
788.00	0.005	0.001	0.004		36.9
789.00	0.005	0.001	0.004		36.9
790.00	0.005	0.001	0.004		36.9
791.00	0.005	0.001	0.004		36.9
792.00	0.005	0.001	0.004		36.9
793.00	0.004	0.001	0.003		36.9
794.00	0.004	0.001	0.003		36.7
795.00	0.004	0.001	0.003		36.5
796.00	0.004	0.001	0.003		36.2
797.00	0.004	0.001	0.003		35.7
798.00	0.004	0.001	0.003		35.2
799.00	0.004	0.001	0.003		34.6
800.00	0.004	0.001	0.003		33.8
801.00	0.004	0.001	0.003		33.0
802.00	0.004	0.001	0.003		32.5
803.00	0.004	0.001	0.003		32.0
804.00	0.004	0.001	0.003		31.6
805.00	0.004	0.001	0.003		31.2
806.00	0.004	0.001	0.003		30.8
807.00	0.004	0.001	0.003		30.5
808.00	0.004	0.001	0.003		30.2
809.00	0.004	0.001	0.003		30.0
810.00	0.004	0.001	0.003		29.7
811.00	0.004	0.001	0.003		29.6
812.00	0.004	0.001	0.003		29.4
813.00	0.004	0.001	0.003		29.2
814.00	0.004	0.001	0.003		29.1
815.00	0.004	0.001	0.003		29.0
816.00	0.004	0.001	0.003		28.9
817.00	0.004	0.001	0.003		28.8
818.00	0.004	0.001	0.003		28.7
819.00	0.004	0.001	0.003		28.6
820.00	0.004	0.001	0.003		28.6

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
821.00	0.004	0.001	0.003		28.5
822.00	0.004	0.001	0.003		28.4
823.00	0.004	0.001	0.003		28.4
824.00	0.004	0.001	0.003		28.3
825.00	0.004	0.001	0.003		28.3
826.00	0.004	0.001	0.003		28.3
827.00	0.004	0.001	0.003		28.2
828.00	0.004	0.001	0.003		28.2
829.00	0.004	0.001	0.003		28.2
830.00	0.004	0.001	0.003		28.2
831.00	0.004	0.001	0.003		28.2
832.00	0.004	0.001	0.003		28.1
833.00	0.004	0.001	0.003		28.1
834.00	0.004	0.001	0.003		28.1
835.00	0.004	0.001	0.003		28.1
836.00	0.004	0.001	0.003		28.1
837.00	0.004	0.001	0.003		28.1
838.00	0.004	0.001	0.003		28.1
839.00	0.004	0.001	0.003		28.1
840.00	0.004	0.001	0.003		28.1
841.00					27.8
842.00					27.4
843.00					26.7
844.00					25.7
845.00					24.3
846.00					22.6
847.00					20.7
848.00					18.2
849.00					15.7
850.00					13.9
851.00					12.4
852.00					11.0
853.00					9.8
854.00					8.7
855.00					7.7
856.00					6.8
857.00					6.0
858.00					5.3
859.00					4.7
860.00					4.1
861.00					3.6

NEVADA TEST SITE PMF STUDY
TUFF RAMP
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-14-1986 14:14:38

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
862.00					3.2
863.00					2.8
864.00					2.5
865.00					2.2
866.00					2.0
867.00					1.7
868.00					1.5
869.00					1.3
870.00					1.1
871.00					1.0
872.00					0.8
873.00					0.7
874.00					0.6
875.00					0.5
876.00					0.4
877.00					0.3
878.00					0.3
879.00					0.2
880.00					0.2
881.00					0.1
882.00					0.1
883.00					0.1
884.00					0.1
885.00					0.0
886.00					0.0
887.00					0.0

F GRAPH SUMMARY REPORT Table 35
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NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

BASIN DATA

Basin Area= .01 square miles
Lag Time= .02 hours

LOSS DATA

Initial Loss= 0 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 16 hrs
Unit Duration= .02 hrs

VOLUME

Volume of Dgraph= 2227
Volume of Ugraph= 1 in
Total Rainfall= 8.495999 in
Total Rainfall Excess= 7.536 in

Volume of Fgraph= 2980 cfs- 1.666667E-02 hr
or 4 ac-ft
or 7.748 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
0.02	0.003	0.001	0.002	131	0.3
0.03	0.003	0.001	0.002	121	0.5
0.05	0.003	0.001	0.002	68	0.7
0.07	0.003	0.001	0.002	34	0.8
0.08	0.003	0.001	0.002	18	0.8
0.10	0.003	0.001	0.002	10	0.8
0.12	0.003	0.001	0.002	5	0.8
0.13	0.003	0.001	0.002	2	0.8
0.15	0.003	0.001	0.002		0.8
0.17	0.003	0.001	0.002		0.8
0.18	0.003	0.001	0.002		0.8
0.20	0.003	0.001	0.002		0.8
0.22	0.003	0.001	0.002		0.8
0.23	0.003	0.001	0.002		0.8
0.25	0.003	0.001	0.002		0.8
0.27	0.003	0.001	0.002		0.8
0.28	0.003	0.001	0.002		0.8
0.30	0.003	0.001	0.002		0.8
0.32	0.003	0.001	0.002		0.8
0.33	0.003	0.001	0.002		0.8
0.35	0.003	0.001	0.002		0.8
0.37	0.003	0.001	0.002		0.8
0.38	0.003	0.001	0.002		0.8
0.40	0.003	0.001	0.002		0.8
0.42	0.003	0.001	0.002		0.8
0.43	0.003	0.001	0.002		0.8
0.45	0.003	0.001	0.002		0.8
0.47	0.003	0.001	0.002		0.8
0.48	0.003	0.001	0.002		0.8
0.50	0.003	0.001	0.002		0.8
0.52	0.003	0.001	0.002		0.8
0.53	0.003	0.001	0.002		0.8
0.55	0.003	0.001	0.002		0.8
0.57	0.003	0.001	0.002		0.8
0.58	0.003	0.001	0.002		0.8
0.60	0.003	0.001	0.002		0.8
0.62	0.003	0.001	0.002		0.8
0.63	0.003	0.001	0.002		0.8
0.65	0.003	0.001	0.002		0.8
0.67	0.003	0.001	0.002		0.8
0.68	0.003	0.001	0.002		0.8

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
0.70	0.003	0.001	0.002		0.8
0.72	0.003	0.001	0.002		0.8
0.73	0.003	0.001	0.002		0.8
0.75	0.003	0.001	0.002		0.8
0.77	0.003	0.001	0.002		0.8
0.78	0.003	0.001	0.002		0.8
0.80	0.003	0.001	0.002		0.8
0.82	0.003	0.001	0.002		0.8
0.83	0.003	0.001	0.002		0.8
0.85	0.003	0.001	0.002		0.8
0.87	0.003	0.001	0.002		0.8
0.88	0.003	0.001	0.002		0.8
0.90	0.003	0.001	0.002		0.8
0.92	0.003	0.001	0.002		0.8
0.93	0.004	0.001	0.003		1.0
0.95	0.004	0.001	0.003		1.1
0.97	0.004	0.001	0.003		1.2
0.98	0.004	0.001	0.003		1.2
1.00	0.004	0.001	0.003		1.2
1.02	0.004	0.001	0.003		1.2
1.03	0.004	0.001	0.003		1.2
1.05	0.004	0.001	0.003		1.2
1.07	0.004	0.001	0.003		1.2
1.08	0.004	0.001	0.003		1.2
1.10	0.004	0.001	0.003		1.2
1.12	0.004	0.001	0.003		1.2
1.13	0.004	0.001	0.003		1.2
1.15	0.004	0.001	0.003		1.2
1.17	0.004	0.001	0.003		1.2
1.18	0.004	0.001	0.003		1.2
1.20	0.004	0.001	0.003		1.2
1.22	0.004	0.001	0.003		1.2
1.23	0.004	0.001	0.003		1.2
1.25	0.004	0.001	0.003		1.2
1.27	0.004	0.001	0.003		1.2
1.28	0.004	0.001	0.003		1.2
1.30	0.004	0.001	0.003		1.2
1.32	0.004	0.001	0.003		1.2
1.33	0.004	0.001	0.003		1.2
1.35	0.004	0.001	0.003		1.2
1.37	0.004	0.001	0.003		1.2

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.38	0.004	0.001	0.003		1.2
1.40	0.004	0.001	0.003		1.2
1.42	0.004	0.001	0.003		1.2
1.43	0.004	0.001	0.003		1.2
1.45	0.004	0.001	0.003		1.2
1.47	0.004	0.001	0.003		1.2
1.48	0.004	0.001	0.003		1.2
1.50	0.004	0.001	0.003		1.2
1.52	0.004	0.001	0.003		1.2
1.53	0.004	0.001	0.003		1.2
1.55	0.004	0.001	0.003		1.2
1.57	0.004	0.001	0.003		1.2
1.58	0.004	0.001	0.003		1.2
1.60	0.004	0.001	0.003		1.2
1.62	0.004	0.001	0.003		1.2
1.63	0.004	0.001	0.003		1.2
1.65	0.004	0.001	0.003		1.2
1.67	0.004	0.001	0.003		1.2
1.68	0.004	0.001	0.003		1.2
1.70	0.004	0.001	0.003		1.2
1.72	0.004	0.001	0.003		1.2
1.73	0.004	0.001	0.003		1.2
1.75	0.004	0.001	0.003		1.2
1.77	0.004	0.001	0.003		1.2
1.78	0.004	0.001	0.003		1.2
1.80	0.004	0.001	0.003		1.2
1.82	0.004	0.001	0.003		1.2
1.83	0.004	0.001	0.003		1.2
1.85	0.004	0.001	0.003		1.2
1.87	0.004	0.001	0.003		1.2
1.88	0.004	0.001	0.003		1.2
1.90	0.004	0.001	0.003		1.2
1.92	0.004	0.001	0.003		1.2
1.93	0.004	0.001	0.003		1.2
1.95	0.004	0.001	0.003		1.2
1.97	0.004	0.001	0.003		1.2
1.98	0.004	0.001	0.003		1.2
2.00	0.004	0.001	0.003		1.2
2.02	0.004	0.001	0.003		1.2
2.03	0.004	0.001	0.003		1.2
2.05	0.004	0.001	0.003		1.2

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.07	0.004	0.001	0.003		1.2
2.08	0.004	0.001	0.003		1.2
2.10	0.004	0.001	0.003		1.2
2.12	0.004	0.001	0.003		1.2
2.13	0.004	0.001	0.003		1.2
2.15	0.004	0.001	0.003		1.2
2.17	0.004	0.001	0.003		1.2
2.18	0.004	0.001	0.003		1.2
2.20	0.004	0.001	0.003		1.2
2.22	0.004	0.001	0.003		1.2
2.23	0.004	0.001	0.003		1.2
2.25	0.004	0.001	0.003		1.2
2.27	0.004	0.001	0.003		1.2
2.28	0.004	0.001	0.003		1.2
2.30	0.004	0.001	0.003		1.2
2.32	0.004	0.001	0.003		1.2
2.33	0.004	0.001	0.003		1.2
2.35	0.004	0.001	0.003		1.2
2.37	0.004	0.001	0.003		1.2
2.38	0.004	0.001	0.003		1.2
2.40	0.004	0.001	0.003		1.2
2.42	0.004	0.001	0.003		1.2
2.43	0.004	0.001	0.003		1.2
2.45	0.004	0.001	0.003		1.2
2.47	0.004	0.001	0.003		1.2
2.48	0.004	0.001	0.003		1.2
2.50	0.004	0.001	0.003		1.2
2.52	0.004	0.001	0.003		1.2
2.53	0.004	0.001	0.003		1.2
2.55	0.004	0.001	0.003		1.2
2.57	0.004	0.001	0.003		1.2
2.58	0.004	0.001	0.003		1.2
2.60	0.004	0.001	0.003		1.2
2.62	0.004	0.001	0.003		1.2
2.63	0.004	0.001	0.003		1.2
2.65	0.004	0.001	0.003		1.2
2.67	0.004	0.001	0.003		1.2
2.68	0.004	0.001	0.003		1.2
2.70	0.004	0.001	0.003		1.2
2.72	0.004	0.001	0.003		1.2
2.73	0.004	0.001	0.003		1.2

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.75	0.004	0.001	0.003		1.2
2.77	0.004	0.001	0.003		1.2
2.78	0.004	0.001	0.003		1.2
2.80	0.004	0.001	0.003		1.2
2.82	0.004	0.001	0.003		1.2
2.83	0.004	0.001	0.003		1.2
2.85	0.004	0.001	0.003		1.2
2.87	0.004	0.001	0.003		1.2
2.88	0.004	0.001	0.003		1.2
2.90	0.005	0.001	0.004		1.4
2.92	0.005	0.001	0.004		1.5
2.93	0.005	0.001	0.004		1.5
2.95	0.005	0.001	0.004		1.6
2.97	0.005	0.001	0.004		1.6
2.98	0.005	0.001	0.004		1.6
3.00	0.005	0.001	0.004		1.6
3.02	0.005	0.001	0.004		1.6
3.03	0.005	0.001	0.004		1.6
3.05	0.005	0.001	0.004		1.6
3.07	0.005	0.001	0.004		1.6
3.08	0.005	0.001	0.004		1.6
3.10	0.005	0.001	0.004		1.6
3.12	0.005	0.001	0.004		1.6
3.13	0.005	0.001	0.004		1.6
3.15	0.005	0.001	0.004		1.6
3.17	0.005	0.001	0.004		1.6
3.18	0.005	0.001	0.004		1.6
3.20	0.005	0.001	0.004		1.6
3.22	0.005	0.001	0.004		1.6
3.23	0.005	0.001	0.004		1.6
3.25	0.005	0.001	0.004		1.6
3.27	0.005	0.001	0.004		1.6
3.28	0.005	0.001	0.004		1.6
3.30	0.005	0.001	0.004		1.6
3.32	0.005	0.001	0.004		1.6
3.33	0.005	0.001	0.004		1.6
3.35	0.005	0.001	0.004		1.6
3.37	0.005	0.001	0.004		1.6
3.38	0.005	0.001	0.004		1.6
3.40	0.005	0.001	0.004		1.6
3.42	0.005	0.001	0.004		1.6

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
3.43	0.005	0.001	0.004		1.6
3.45	0.005	0.001	0.004		1.6
3.47	0.005	0.001	0.004		1.6
3.48	0.005	0.001	0.004		1.6
3.50	0.005	0.001	0.004		1.6
3.52	0.005	0.001	0.004		1.6
3.53	0.005	0.001	0.004		1.6
3.55	0.005	0.001	0.004		1.6
3.57	0.005	0.001	0.004		1.6
3.58	0.005	0.001	0.004		1.6
3.60	0.005	0.001	0.004		1.6
3.62	0.005	0.001	0.004		1.6
3.63	0.005	0.001	0.004		1.6
3.65	0.005	0.001	0.004		1.6
3.67	0.005	0.001	0.004		1.6
3.68	0.005	0.001	0.004		1.6
3.70	0.005	0.001	0.004		1.6
3.72	0.005	0.001	0.004		1.6
3.73	0.005	0.001	0.004		1.6
3.75	0.005	0.001	0.004		1.6
3.77	0.005	0.001	0.004		1.6
3.78	0.005	0.001	0.004		1.6
3.80	0.005	0.001	0.004		1.6
3.82	0.005	0.001	0.004		1.6
3.83	0.005	0.001	0.004		1.6
3.85	0.005	0.001	0.004		1.6
3.87	0.005	0.001	0.004		1.6
3.88	0.005	0.001	0.004		1.6
3.90	0.005	0.001	0.004		1.6
3.92	0.005	0.001	0.004		1.6
3.93	0.005	0.001	0.004		1.6
3.95	0.005	0.001	0.004		1.6
3.97	0.005	0.001	0.004		1.6
3.98	0.005	0.001	0.004		1.6
4.00	0.005	0.001	0.004		1.6
4.02	0.005	0.001	0.004		1.6
4.03	0.005	0.001	0.004		1.6
4.05	0.005	0.001	0.004		1.6
4.07	0.005	0.001	0.004		1.6
4.08	0.005	0.001	0.004		1.6
4.10	0.005	0.001	0.004		1.6

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
4.12	0.005	0.001	0.004		1.6
4.13	0.005	0.001	0.004		1.6
4.15	0.005	0.001	0.004		1.6
4.17	0.005	0.001	0.004		1.6
4.18	0.005	0.001	0.004		1.6
4.20	0.005	0.001	0.004		1.6
4.22	0.005	0.001	0.004		1.6
4.23	0.005	0.001	0.004		1.6
4.25	0.005	0.001	0.004		1.6
4.27	0.005	0.001	0.004		1.6
4.28	0.005	0.001	0.004		1.6
4.30	0.005	0.001	0.004		1.6
4.32	0.005	0.001	0.004		1.6
4.33	0.005	0.001	0.004		1.6
4.35	0.005	0.001	0.004		1.6
4.37	0.005	0.001	0.004		1.6
4.38	0.005	0.001	0.004		1.6
4.40	0.005	0.001	0.004		1.6
4.42	0.005	0.001	0.004		1.6
4.43	0.005	0.001	0.004		1.6
4.45	0.005	0.001	0.004		1.6
4.47	0.005	0.001	0.004		1.6
4.48	0.005	0.001	0.004		1.6
4.50	0.005	0.001	0.004		1.6
4.52	0.005	0.001	0.004		1.6
4.53	0.005	0.001	0.004		1.6
4.55	0.005	0.001	0.004		1.6
4.57	0.005	0.001	0.004		1.6
4.58	0.005	0.001	0.004		1.6
4.60	0.005	0.001	0.004		1.6
4.62	0.005	0.001	0.004		1.6
4.63	0.005	0.001	0.004		1.6
4.65	0.005	0.001	0.004		1.6
4.67	0.005	0.001	0.004		1.6
4.68	0.005	0.001	0.004		1.6
4.70	0.005	0.001	0.004		1.6
4.72	0.005	0.001	0.004		1.6
4.73	0.005	0.001	0.004		1.6
4.75	0.005	0.001	0.004		1.6
4.77	0.006	0.001	0.005		1.7
4.78	0.006	0.001	0.005		1.9

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-16-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
4.80	0.006	0.001	0.005		1.9
4.82	0.006	0.001	0.005		2.0
4.83	0.006	0.001	0.005		2.0
4.85	0.006	0.001	0.005		2.0
4.87	0.006	0.001	0.005		2.0
4.88	0.006	0.001	0.005		2.0
4.90	0.006	0.001	0.005		2.0
4.92	0.006	0.001	0.005		2.0
4.93	0.006	0.001	0.005		2.0
4.95	0.006	0.001	0.005		2.0
4.97	0.006	0.001	0.005		2.0
4.98	0.006	0.001	0.005		2.0
5.00	0.006	0.001	0.005		2.0
5.02	0.006	0.001	0.005		2.0
5.03	0.006	0.001	0.005		2.0
5.05	0.006	0.001	0.005		2.0
5.07	0.006	0.001	0.005		2.0
5.08	0.006	0.001	0.005		2.0
5.10	0.006	0.001	0.005		2.0
5.12	0.006	0.001	0.005		2.0
5.13	0.006	0.001	0.005		2.0
5.15	0.006	0.001	0.005		2.0
5.17	0.006	0.001	0.005		2.0
5.18	0.006	0.001	0.005		2.0
5.20	0.006	0.001	0.005		2.0
5.22	0.006	0.001	0.005		2.0
5.23	0.006	0.001	0.005		2.0
5.25	0.006	0.001	0.005		2.0
5.27	0.006	0.001	0.005		2.0
5.28	0.006	0.001	0.005		2.0
5.30	0.006	0.001	0.005		2.0
5.32	0.006	0.001	0.005		2.0
5.33	0.006	0.001	0.005		2.0
5.35	0.006	0.001	0.005		2.0
5.37	0.006	0.001	0.005		2.0
5.38	0.006	0.001	0.005		2.0
5.40	0.006	0.001	0.005		2.0
5.42	0.006	0.001	0.005		2.0
5.43	0.006	0.001	0.005		2.0
5.45	0.006	0.001	0.005		2.0
5.47	0.006	0.001	0.005		2.0

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
5.48	0.006	0.001	0.005		2.0
5.50	0.006	0.001	0.005		2.0
5.52	0.006	0.001	0.005		2.0
5.53	0.006	0.001	0.005		2.0
5.55	0.006	0.001	0.005		2.0
5.57	0.006	0.001	0.005		2.0
5.58	0.006	0.001	0.005		2.0
5.60	0.006	0.001	0.005		2.0
5.62	0.006	0.001	0.005		2.0
5.63	0.006	0.001	0.005		2.0
5.65	0.006	0.001	0.005		2.0
5.67	0.006	0.001	0.005		2.0
5.68	0.006	0.001	0.005		2.0
5.70	0.006	0.001	0.005		2.0
5.72	0.006	0.001	0.005		2.0
5.73	0.006	0.001	0.005		2.0
5.75	0.006	0.001	0.005		2.0
5.77	0.006	0.001	0.005		2.0
5.78	0.006	0.001	0.005		2.0
5.80	0.006	0.001	0.005		2.0
5.82	0.006	0.001	0.005		2.0
5.83	0.006	0.001	0.005		2.0
5.85	0.006	0.001	0.005		2.0
5.87	0.006	0.001	0.005		2.0
5.88	0.006	0.001	0.005		2.0
5.90	0.006	0.001	0.005		2.0
5.92	0.006	0.001	0.005		2.0
5.93	0.006	0.001	0.005		2.0
5.95	0.006	0.001	0.005		2.0
5.97	0.006	0.001	0.005		2.0
5.98	0.006	0.001	0.005		2.0
6.00	0.006	0.001	0.005		2.0
6.02	0.006	0.001	0.005		2.0
6.03	0.006	0.001	0.005		2.0
6.05	0.006	0.001	0.005		2.0
6.07	0.006	0.001	0.005		2.0
6.08	0.006	0.001	0.005		2.0
6.10	0.006	0.001	0.005		2.0
6.12	0.006	0.001	0.005		2.0
6.13	0.006	0.001	0.005		2.0
6.15	0.006	0.001	0.005		2.0

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
6.17	0.006	0.001	0.005		2.0
6.18	0.006	0.001	0.005		2.0
6.20	0.006	0.001	0.005		2.0
6.22	0.006	0.001	0.005		2.0
6.23	0.006	0.001	0.005		2.0
6.25	0.006	0.001	0.005		2.0
6.27	0.006	0.001	0.005		2.0
6.28	0.006	0.001	0.005		2.0
6.30	0.006	0.001	0.005		2.0
6.32	0.006	0.001	0.005		2.0
6.33	0.006	0.001	0.005		2.0
6.35	0.006	0.001	0.005		2.0
6.37	0.006	0.001	0.005		2.0
6.38	0.006	0.001	0.005		2.0
6.40	0.006	0.001	0.005		2.0
6.42	0.006	0.001	0.005		2.0
6.43	0.006	0.001	0.005		2.0
6.45	0.006	0.001	0.005		2.0
6.47	0.006	0.001	0.005		2.0
6.48	0.006	0.001	0.005		2.0
6.50	0.006	0.001	0.005		2.0
6.52	0.006	0.001	0.005		2.0
6.53	0.006	0.001	0.005		2.0
6.55	0.006	0.001	0.005		2.0
6.57	0.006	0.001	0.005		2.0
6.58	0.006	0.001	0.005		2.0
6.60	0.006	0.001	0.005		2.0
6.62	0.006	0.001	0.005		2.0
6.63	0.006	0.001	0.005		2.0
6.65	0.006	0.001	0.005		2.0
6.67	0.006	0.001	0.005		2.0
6.68	0.006	0.001	0.005		2.0
6.70	0.006	0.001	0.005		2.0
6.72	0.006	0.001	0.005		2.0
6.73	0.006	0.001	0.005		2.0
6.75	0.006	0.001	0.005		2.0
6.77	0.006	0.001	0.005		2.0
6.78	0.006	0.001	0.005		2.0
6.80	0.006	0.001	0.005		2.0
6.82	0.006	0.001	0.005		2.0
6.83	0.006	0.001	0.005		2.0

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
6.85	0.006	0.001	0.005		2.0
6.87	0.006	0.001	0.005		2.0
6.88	0.006	0.001	0.005		2.0
6.90	0.006	0.001	0.005		2.0
6.92	0.006	0.001	0.005		2.0
6.93	0.006	0.001	0.005		2.0
6.95	0.006	0.001	0.005		2.0
6.97	0.006	0.001	0.005		2.0
6.98	0.006	0.001	0.005		2.0
7.00	0.006	0.001	0.005		2.0
7.02	0.007	0.001	0.006		2.1
7.03	0.007	0.001	0.006		2.3
7.05	0.007	0.001	0.006		2.3
7.07	0.007	0.001	0.006		2.4
7.08	0.007	0.001	0.006		2.4
7.10	0.007	0.001	0.006		2.4
7.12	0.007	0.001	0.006		2.4
7.13	0.007	0.001	0.006		2.4
7.15	0.007	0.001	0.006		2.4
7.17	0.007	0.001	0.006		2.4
7.18	0.007	0.001	0.006		2.4
7.20	0.007	0.001	0.006		2.4
7.22	0.007	0.001	0.006		2.4
7.23	0.007	0.001	0.006		2.4
7.25	0.007	0.001	0.006		2.4
7.27	0.007	0.001	0.006		2.4
7.28	0.007	0.001	0.006		2.4
7.30	0.007	0.001	0.006		2.4
7.32	0.007	0.001	0.006		2.4
7.33	0.007	0.001	0.006		2.4
7.35	0.007	0.001	0.006		2.4
7.37	0.007	0.001	0.006		2.4
7.38	0.007	0.001	0.006		2.4
7.40	0.007	0.001	0.006		2.4
7.42	0.007	0.001	0.006		2.4
7.43	0.007	0.001	0.006		2.4
7.45	0.007	0.001	0.006		2.4
7.47	0.007	0.001	0.006		2.4
7.48	0.007	0.001	0.006		2.4
7.50	0.007	0.001	0.006		2.4
7.52	0.007	0.001	0.006		2.4

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
7.53	0.007	0.001	0.006		2.4
7.55	0.007	0.001	0.006		2.4
7.57	0.007	0.001	0.006		2.4
7.58	0.007	0.001	0.006		2.4
7.60	0.007	0.001	0.006		2.4
7.62	0.007	0.001	0.006		2.4
7.63	0.007	0.001	0.006		2.4
7.65	0.007	0.001	0.006		2.4
7.67	0.007	0.001	0.006		2.4
7.68	0.007	0.001	0.006		2.4
7.70	0.007	0.001	0.006		2.4
7.72	0.007	0.001	0.006		2.4
7.73	0.007	0.001	0.006		2.4
7.75	0.007	0.001	0.006		2.4
7.77	0.007	0.001	0.006		2.4
7.78	0.007	0.001	0.006		2.4
7.80	0.007	0.001	0.006		2.4
7.82	0.007	0.001	0.006		2.4
7.83	0.007	0.001	0.006		2.4
7.85	0.007	0.001	0.006		2.4
7.87	0.007	0.001	0.006		2.4
7.88	0.007	0.001	0.006		2.4
7.90	0.007	0.001	0.006		2.4
7.92	0.007	0.001	0.006		2.4
7.93	0.007	0.001	0.006		2.4
7.95	0.007	0.001	0.006		2.4
7.97	0.007	0.001	0.006		2.4
7.98	0.007	0.001	0.006		2.4
8.00	0.007	0.001	0.006		2.4
8.02	0.007	0.001	0.006		2.4
8.03	0.007	0.001	0.006		2.4
8.05	0.007	0.001	0.006		2.4
8.07	0.007	0.001	0.006		2.4
8.08	0.007	0.001	0.006		2.4
8.10	0.007	0.001	0.006		2.4
8.12	0.008	0.001	0.007		2.5
8.13	0.008	0.001	0.007		2.6
8.15	0.008	0.001	0.007		2.7
8.17	0.008	0.001	0.007		2.7
8.18	0.008	0.001	0.007		2.8
8.20	0.008	0.001	0.007		2.8

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
8.22	0.008	0.001	0.007		2.8
8.23	0.008	0.001	0.007		2.8
8.25	0.008	0.001	0.007		2.8
8.27	0.008	0.001	0.007		2.8
8.28	0.008	0.001	0.007		2.8
8.30	0.008	0.001	0.007		2.8
8.32	0.008	0.001	0.007		2.8
8.33	0.008	0.001	0.007		2.8
8.35	0.008	0.001	0.007		2.8
8.37	0.008	0.001	0.007		2.8
8.38	0.008	0.001	0.007		2.8
8.40	0.009	0.001	0.008		2.9
8.42	0.009	0.001	0.008		3.0
8.43	0.009	0.001	0.008		3.1
8.45	0.009	0.001	0.008		3.1
8.47	0.009	0.001	0.008		3.1
8.48	0.009	0.001	0.008		3.2
8.50	0.009	0.001	0.008		3.2
8.52	0.009	0.001	0.008		3.2
8.53	0.009	0.001	0.008		3.2
8.55	0.009	0.001	0.008		3.2
8.57	0.010	0.001	0.009		3.3
8.58	0.010	0.001	0.009		3.4
8.60	0.010	0.001	0.009		3.5
8.62	0.010	0.001	0.009		3.5
8.63	0.010	0.001	0.009		3.5
8.65	0.010	0.001	0.009		3.5
8.67	0.010	0.001	0.009		3.5
8.68	0.010	0.001	0.009		3.5
8.70	0.011	0.001	0.010		3.7
8.72	0.011	0.001	0.010		3.8
8.73	0.011	0.001	0.010		3.9
8.75	0.011	0.001	0.010		3.9
8.77	0.011	0.001	0.010		3.9
8.78	0.011	0.001	0.010		3.9
8.80	0.011	0.001	0.010		3.9
8.82	0.011	0.001	0.010		3.9
8.83	0.012	0.001	0.011		4.1
8.85	0.012	0.001	0.011		4.2
8.87	0.012	0.001	0.011		4.3
8.88	0.012	0.001	0.011		4.3

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
8.90	0.012	0.001	0.011		4.3
8.92	0.012	0.001	0.011		4.3
8.93	0.013	0.001	0.012		4.5
8.95	0.013	0.001	0.012		4.6
8.97	0.013	0.001	0.012		4.6
8.98	0.013	0.001	0.012		4.7
9.00	0.013	0.001	0.012		4.7
9.02	0.013	0.001	0.012		4.7
9.03	0.014	0.001	0.013		4.8
9.05	0.014	0.001	0.013		5.0
9.07	0.014	0.001	0.013		5.0
9.08	0.014	0.001	0.013		5.1
9.10	0.014	0.001	0.013		5.1
9.12	0.015	0.001	0.014		5.2
9.13	0.015	0.001	0.014		5.3
9.15	0.015	0.001	0.014		5.4
9.17	0.015	0.001	0.014		5.5
9.18	0.015	0.001	0.014		5.5
9.20	0.016	0.001	0.015		5.6
9.22	0.016	0.001	0.015		5.7
9.23	0.016	0.001	0.015		5.8
9.25	0.016	0.001	0.015		5.8
9.27	0.017	0.001	0.016		6.0
9.28	0.017	0.001	0.016		6.1
9.30	0.017	0.001	0.016		6.2
9.32	0.017	0.001	0.016		6.2
9.33	0.017	0.001	0.016		6.2
9.35	0.018	0.001	0.017		6.4
9.37	0.018	0.001	0.017		6.5
9.38	0.018	0.001	0.017		6.6
9.40	0.018	0.001	0.017		6.6
9.42	0.019	0.001	0.018		6.8
9.43	0.019	0.001	0.018		6.9
9.45	0.019	0.001	0.018		7.0
9.47	0.019	0.001	0.018		7.0
9.48	0.020	0.001	0.019		7.1
9.50	0.020	0.001	0.019		7.3
9.52	0.020	0.001	0.019		7.4
9.53	0.020	0.001	0.019		7.4
9.55	0.021	0.001	0.020		7.5
9.57	0.021	0.001	0.020		7.7

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
9.58	0.021	0.001	0.020		7.7
9.60	0.022	0.001	0.021		7.9
9.62	0.022	0.001	0.021		8.0
9.63	0.022	0.001	0.021		8.1
9.65	0.022	0.001	0.021		8.2
9.67	0.023	0.001	0.022		8.3
9.68	0.023	0.001	0.022		8.4
9.70	0.023	0.001	0.022		8.5
9.72	0.023	0.001	0.022		8.5
9.73	0.024	0.001	0.023		8.7
9.75	0.024	0.001	0.023		8.8
9.77	0.024	0.001	0.023		8.9
9.78	0.025	0.001	0.024		9.1
9.80	0.025	0.001	0.024		9.2
9.82	0.025	0.001	0.024		9.3
9.83	0.026	0.001	0.025		9.5
9.85	0.026	0.001	0.025		9.6
9.87	0.026	0.001	0.025		9.7
9.88	0.027	0.001	0.026		9.8
9.90	0.027	0.001	0.026		10.0
9.92	0.027	0.001	0.026		10.1
9.93	0.028	0.001	0.027		10.2
9.95	0.028	0.001	0.027		10.4
9.97	0.028	0.001	0.027		10.4
9.98	0.029	0.001	0.028		10.6
10.00	0.029	0.001	0.028		10.8
10.02	0.029	0.001	0.028		10.8
10.03	0.030	0.001	0.029		11.0
10.05	0.030	0.001	0.029		11.1
10.07	0.030	0.001	0.029		11.2
10.08	0.031	0.001	0.030		11.4
10.10	0.031	0.001	0.030		11.5
10.12	0.031	0.001	0.030		11.6
10.13	0.032	0.001	0.031		11.8
10.15	0.032	0.001	0.031		11.9
10.17	0.033	0.001	0.032		12.1
10.18	0.033	0.001	0.032		12.3
10.20	0.033	0.001	0.032		12.4
10.22	0.034	0.001	0.033		12.5
10.23	0.034	0.001	0.033		12.7
10.25	0.034	0.001	0.033		12.8

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
10.27	0.035	0.001	0.034		12.9
10.28	0.035	0.001	0.034		13.1
10.30	0.036	0.001	0.035		13.3
10.32	0.036	0.001	0.035		13.4
10.33	0.036	0.001	0.035		13.5
10.35	0.037	0.001	0.036		13.7
10.37	0.037	0.001	0.036		13.9
10.38	0.037	0.001	0.036		13.9
10.40	0.038	0.001	0.037		14.1
10.42	0.038	0.001	0.037		14.2
10.43	0.039	0.001	0.038		14.4
10.45	0.039	0.001	0.038		14.6
10.47	0.040	0.001	0.039		14.8
10.48	0.040	0.001	0.039		15.0
10.50	0.040	0.001	0.039		15.1
10.52	0.041	0.001	0.040		15.3
10.53	0.041	0.001	0.040		15.4
10.55	0.042	0.001	0.041		15.6
10.57	0.042	0.001	0.041		15.8
10.58	0.042	0.001	0.041		15.9
10.60	0.043	0.001	0.042		16.0
10.62	0.043	0.001	0.042		16.2
10.63	0.044	0.001	0.043		16.4
10.65	0.044	0.001	0.043		16.5
10.67	0.045	0.001	0.044		16.8
10.68	0.044	0.001	0.043		16.8
10.70	0.043	0.001	0.042		16.6
10.72	0.042	0.001	0.041		16.4
10.73	0.041	0.001	0.040		16.0
10.75	0.040	0.001	0.039		15.7
10.77	0.039	0.001	0.038		15.3
10.78	0.039	0.001	0.038		15.0
10.80	0.038	0.001	0.037		14.8
10.82	0.037	0.001	0.036		14.5
10.83	0.036	0.001	0.035		14.1
10.85	0.035	0.001	0.034		13.7
10.87	0.035	0.001	0.034		13.5
10.88	0.034	0.001	0.033		13.2
10.90	0.033	0.001	0.032		12.9
10.92	0.032	0.001	0.031		12.6
10.93	0.032	0.001	0.031		12.3

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
10.95	0.031	0.001	0.030		12.1
10.97	0.030	0.001	0.029		11.7
10.98	0.029	0.001	0.028		11.4
11.00	0.029	0.001	0.028		11.2
11.02	0.028	0.001	0.027		10.9
11.03	0.027	0.001	0.026		10.6
11.05	0.027	0.001	0.026		10.4
11.07	0.026	0.001	0.025		10.1
11.08	0.025	0.001	0.024		9.8
11.10	0.025	0.001	0.024		9.6
11.12	0.024	0.001	0.023		9.3
11.13	0.024	0.001	0.023		9.2
11.15	0.023	0.001	0.022		8.9
11.17	0.022	0.001	0.021		8.6
11.18	0.022	0.001	0.021		8.4
11.20	0.021	0.001	0.020		8.2
11.22	0.021	0.001	0.020		8.0
11.23	0.020	0.001	0.019		7.8
11.25	0.020	0.001	0.019		7.6
11.27	0.019	0.001	0.018		7.4
11.28	0.019	0.001	0.018		7.2
11.30	0.018	0.001	0.017		7.0
11.32	0.018	0.001	0.017		6.8
11.33	0.017	0.001	0.016		6.6
11.35	0.017	0.001	0.016		6.4
11.37	0.016	0.001	0.015		6.2
11.38	0.016	0.001	0.015		6.0
11.40	0.016	0.001	0.015		6.0
11.42	0.015	0.001	0.014		5.8
11.43	0.015	0.001	0.014		5.6
11.45	0.014	0.001	0.013		5.4
11.47	0.014	0.001	0.013		5.3
11.48	0.014	0.001	0.013		5.2
11.50	0.013	0.001	0.012		5.0
11.52	0.013	0.001	0.012		4.9
11.53	0.012	0.001	0.011		4.7
11.55	0.012	0.001	0.011		4.5
11.57	0.012	0.001	0.011		4.4
11.58	0.012	0.001	0.011		4.4
11.60	0.011	0.001	0.010		4.2
11.62	0.011	0.001	0.010		4.1

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
11.63	0.011	0.001	0.010		4.0
11.65	0.010	0.001	0.009		3.8
11.67	0.010	0.001	0.009		3.7
11.68	0.010	0.001	0.009		3.6
11.70	0.010	0.001	0.009		3.6
11.72	0.009	0.001	0.008		3.4
11.73	0.009	0.001	0.008		3.3
11.75	0.009	0.001	0.008		3.2
11.77	0.009	0.001	0.008		3.2
11.78	0.009	0.001	0.008		3.2
11.80	0.009	0.001	0.008		3.2
11.82	0.008	0.001	0.007		3.0
11.83	0.008	0.001	0.007		2.9
11.85	0.008	0.001	0.007		2.8
11.87	0.008	0.001	0.007		2.8
11.88	0.008	0.001	0.007		2.8
11.90	0.008	0.001	0.007		2.8
11.92	0.008	0.001	0.007		2.8
11.93	0.008	0.001	0.007		2.8
11.95	0.007	0.001	0.006		2.6
11.97	0.007	0.001	0.006		2.5
11.98	0.007	0.001	0.006		2.5
12.00	0.007	0.001	0.006		2.4
12.02	0.007	0.001	0.006		2.4
12.03	0.007	0.001	0.006		2.4
12.05	0.007	0.001	0.006		2.4
12.07	0.007	0.001	0.006		2.4
12.08	0.007	0.001	0.006		2.4
12.10	0.007	0.001	0.006		2.4
12.12	0.007	0.001	0.006		2.4
12.13	0.007	0.001	0.006		2.4
12.15	0.007	0.001	0.006		2.4
12.17	0.007	0.001	0.006		2.4
12.18	0.007	0.001	0.006		2.4
12.20	0.007	0.001	0.006		2.4
12.22	0.007	0.001	0.006		2.4
12.23	0.007	0.001	0.006		2.4
12.25	0.007	0.001	0.006		2.4
12.27	0.007	0.001	0.006		2.4
12.28	0.007	0.001	0.006		2.4
12.30	0.007	0.001	0.006		2.4

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
12.32	0.007	0.001	0.006		2.4
12.33	0.007	0.001	0.006		2.4
12.35	0.007	0.001	0.006		2.4
12.37	0.007	0.001	0.006		2.4
12.38	0.007	0.001	0.006		2.4
12.40	0.007	0.001	0.006		2.4
12.42	0.007	0.001	0.006		2.4
12.43	0.007	0.001	0.006		2.4
12.45	0.007	0.001	0.006		2.4
12.47	0.007	0.001	0.006		2.4
12.48	0.007	0.001	0.006		2.4
12.50	0.006	0.001	0.005		2.3
12.52	0.006	0.001	0.005		2.1
12.53	0.006	0.001	0.005		2.1
12.55	0.006	0.001	0.005		2.0
12.57	0.006	0.001	0.005		2.0
12.58	0.006	0.001	0.005		2.0
12.60	0.006	0.001	0.005		2.0
12.62	0.006	0.001	0.005		2.0
12.63	0.006	0.001	0.005		2.0
12.65	0.006	0.001	0.005		2.0
12.67	0.006	0.001	0.005		2.0
12.68	0.006	0.001	0.005		2.0
12.70	0.006	0.001	0.005		2.0
12.72	0.006	0.001	0.005		2.0
12.73	0.006	0.001	0.005		2.0
12.75	0.006	0.001	0.005		2.0
12.77	0.006	0.001	0.005		2.0
12.78	0.006	0.001	0.005		2.0
12.80	0.006	0.001	0.005		2.0
12.82	0.006	0.001	0.005		2.0
12.83	0.006	0.001	0.005		2.0
12.85	0.006	0.001	0.005		2.0
12.87	0.006	0.001	0.005		2.0
12.88	0.006	0.001	0.005		2.0
12.90	0.006	0.001	0.005		2.0
12.92	0.006	0.001	0.005		2.0
12.93	0.006	0.001	0.005		2.0
12.95	0.006	0.001	0.005		2.0
12.97	0.006	0.001	0.005		2.0
12.98	0.006	0.001	0.005		2.0

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
13.00	0.006	0.001	0.005		2.0
13.02	0.006	0.001	0.005		2.0
13.03	0.006	0.001	0.005		2.0
13.05	0.006	0.001	0.005		2.0
13.07	0.006	0.001	0.005		2.0
13.08	0.006	0.001	0.005		2.0
13.10	0.006	0.001	0.005		2.0
13.12	0.006	0.001	0.005		2.0
13.13	0.006	0.001	0.005		2.0
13.15	0.006	0.001	0.005		2.0
13.17	0.006	0.001	0.005		2.0
13.18	0.006	0.001	0.005		2.0
13.20	0.006	0.001	0.005		2.0
13.22	0.006	0.001	0.005		2.0
13.23	0.006	0.001	0.005		2.0
13.25	0.006	0.001	0.005		2.0
13.27	0.006	0.001	0.005		2.0
13.28	0.006	0.001	0.005		2.0
13.30	0.006	0.001	0.005		2.0
13.32	0.006	0.001	0.005		2.0
13.33	0.006	0.001	0.005		2.0
13.35	0.006	0.001	0.005		2.0
13.37	0.006	0.001	0.005		2.0
13.38	0.006	0.001	0.005		2.0
13.40	0.006	0.001	0.005		2.0
13.42	0.006	0.001	0.005		2.0
13.43	0.006	0.001	0.005		2.0
13.45	0.006	0.001	0.005		2.0
13.47	0.006	0.001	0.005		2.0
13.48	0.006	0.001	0.005		2.0
13.50	0.006	0.001	0.005		2.0
13.52	0.006	0.001	0.005		2.0
13.53	0.006	0.001	0.005		2.0
13.55	0.006	0.001	0.005		2.0
13.57	0.006	0.001	0.005		2.0
13.58	0.006	0.001	0.005		2.0
13.60	0.006	0.001	0.005		2.0
13.62	0.005	0.001	0.004		1.9
13.63	0.005	0.001	0.004		1.7
13.65	0.005	0.001	0.004		1.7
13.67	0.005	0.001	0.004		1.6

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
13.68	0.005	0.001	0.004		1.6
13.70	0.005	0.001	0.004		1.6
13.72	0.005	0.001	0.004		1.6
13.73	0.005	0.001	0.004		1.6
13.75	0.005	0.001	0.004		1.6
13.77	0.005	0.001	0.004		1.6
13.78	0.005	0.001	0.004		1.6
13.80	0.005	0.001	0.004		1.6
13.82	0.005	0.001	0.004		1.6
13.83	0.005	0.001	0.004		1.6
13.85	0.005	0.001	0.004		1.6
13.87	0.005	0.001	0.004		1.6
13.88	0.005	0.001	0.004		1.6
13.90	0.005	0.001	0.004		1.6
13.92	0.005	0.001	0.004		1.6
13.93	0.005	0.001	0.004		1.6
13.95	0.005	0.001	0.004		1.6
13.97	0.005	0.001	0.004		1.6
13.98	0.005	0.001	0.004		1.6
14.00	0.005	0.001	0.004		1.6
14.02	0.005	0.001	0.004		1.6
14.03	0.005	0.001	0.004		1.6
14.05	0.005	0.001	0.004		1.6
14.07	0.005	0.001	0.004		1.6
14.08	0.005	0.001	0.004		1.6
14.10	0.005	0.001	0.004		1.6
14.12	0.005	0.001	0.004		1.6
14.13	0.005	0.001	0.004		1.6
14.15	0.005	0.001	0.004		1.6
14.17	0.005	0.001	0.004		1.6
14.18	0.005	0.001	0.004		1.6
14.20	0.005	0.001	0.004		1.6
14.22	0.005	0.001	0.004		1.6
14.23	0.005	0.001	0.004		1.6
14.25	0.005	0.001	0.004		1.6
14.27	0.005	0.001	0.004		1.6
14.28	0.005	0.001	0.004		1.6
14.30	0.005	0.001	0.004		1.6
14.32	0.005	0.001	0.004		1.6
14.33	0.005	0.001	0.004		1.6
14.35	0.005	0.001	0.004		1.6

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
14.37	0.005	0.001	0.004		1.6
14.38	0.005	0.001	0.004		1.6
14.40	0.005	0.001	0.004		1.6
14.42	0.005	0.001	0.004		1.6
14.43	0.005	0.001	0.004		1.6
14.45	0.005	0.001	0.004		1.6
14.47	0.005	0.001	0.004		1.6
14.48	0.005	0.001	0.004		1.6
14.50	0.005	0.001	0.004		1.6
14.52	0.005	0.001	0.004		1.6
14.53	0.005	0.001	0.004		1.6
14.55	0.004	0.001	0.003		1.5
14.57	0.004	0.001	0.003		1.4
14.58	0.004	0.001	0.003		1.3
14.60	0.004	0.001	0.003		1.3
14.62	0.004	0.001	0.003		1.2
14.63	0.004	0.001	0.003		1.2
14.65	0.004	0.001	0.003		1.2
14.67	0.004	0.001	0.003		1.2
14.68	0.004	0.001	0.003		1.2
14.70	0.004	0.001	0.003		1.2
14.72	0.004	0.001	0.003		1.2
14.73	0.004	0.001	0.003		1.2
14.75	0.004	0.001	0.003		1.2
14.77	0.004	0.001	0.003		1.2
14.78	0.004	0.001	0.003		1.2
14.80	0.004	0.001	0.003		1.2
14.82	0.004	0.001	0.003		1.2
14.83	0.004	0.001	0.003		1.2
14.85	0.004	0.001	0.003		1.2
14.87	0.004	0.001	0.003		1.2
14.88	0.004	0.001	0.003		1.2
14.90	0.004	0.001	0.003		1.2
14.92	0.004	0.001	0.003		1.2
14.93	0.004	0.001	0.003		1.2
14.95	0.004	0.001	0.003		1.2
14.97	0.004	0.001	0.003		1.2
14.98	0.004	0.001	0.003		1.2
15.00	0.004	0.001	0.003		1.2
15.02	0.004	0.001	0.003		1.2
15.03	0.004	0.001	0.003		1.2

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
15.05	0.004	0.001	0.003		1.2
15.07	0.004	0.001	0.003		1.2
15.08	0.004	0.001	0.003		1.2
15.10	0.004	0.001	0.003		1.2
15.12	0.004	0.001	0.003		1.2
15.13	0.004	0.001	0.003		1.2
15.15	0.004	0.001	0.003		1.2
15.17	0.004	0.001	0.003		1.2
15.18	0.004	0.001	0.003		1.2
15.20	0.004	0.001	0.003		1.2
15.22	0.004	0.001	0.003		1.2
15.23	0.004	0.001	0.003		1.2
15.25	0.004	0.001	0.003		1.2
15.27	0.004	0.001	0.003		1.2
15.28	0.004	0.001	0.003		1.2
15.30	0.004	0.001	0.003		1.2
15.32	0.004	0.001	0.003		1.2
15.33	0.004	0.001	0.003		1.2
15.35	0.004	0.001	0.003		1.2
15.37	0.004	0.001	0.003		1.2
15.38	0.004	0.001	0.003		1.2
15.40	0.004	0.001	0.003		1.2
15.42	0.004	0.001	0.003		1.2
15.43	0.004	0.001	0.003		1.2
15.45	0.004	0.001	0.003		1.2
15.47	0.004	0.001	0.003		1.2
15.48	0.004	0.001	0.003		1.2
15.50	0.004	0.001	0.003		1.2
15.52	0.004	0.001	0.003		1.2
15.53	0.003	0.001	0.002		1.1
15.55	0.003	0.001	0.002		1.0
15.57	0.003	0.001	0.002		0.9
15.58	0.003	0.001	0.002		0.9
15.60	0.003	0.001	0.002		0.9
15.62	0.003	0.001	0.002		0.8
15.63	0.003	0.001	0.002		0.8
15.65	0.003	0.001	0.002		0.8
15.67	0.003	0.001	0.002		0.8
15.68	0.003	0.001	0.002		0.8
15.70	0.003	0.001	0.002		0.8
15.72	0.003	0.001	0.002		0.8

NEVADA TEST SITE PMF STUDY
WASTE DELIVERY DECLINE PORTAL
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:28:36

TIME hrs	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
15.73	0.003	0.001	0.002		0.8
15.75	0.003	0.001	0.002		0.8
15.77	0.003	0.001	0.002		0.8
15.78	0.003	0.001	0.002		0.8
15.80	0.003	0.001	0.002		0.8
15.82	0.003	0.001	0.002		0.8
15.83	0.003	0.001	0.002		0.8
15.85	0.003	0.001	0.002		0.8
15.87	0.003	0.001	0.002		0.8
15.88	0.003	0.001	0.002		0.8
15.90	0.003	0.001	0.002		0.8
15.92	0.003	0.001	0.002		0.8
15.93	0.003	0.001	0.002		0.8
15.95	0.003	0.001	0.002		0.8
15.97	0.003	0.001	0.002		0.8
15.98	0.003	0.001	0.002		0.8
16.00	0.003	0.001	0.002		0.8
16.02					0.6
16.03					0.3
16.05					0.1
16.07					0.1
16.08					0.0
16.10					0.0
16.12					0.0

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

BASIN DATA

Basin Area= .06 square miles
Lag Time= .1 hours

LOSS DATA

Initial Loss= 0 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 14 hrs
Unit Duration= 1 min

VOLUME

Volume of Dgraph= 2385
Volume of Ugraph= 1 in
Total Rainfall= 8.100006 in
Total Rainfall Excess= 7.26 in

Volume of Fgraph= 17192 cfs- 1.666667E-02 hr
or 24 ac-ft
or 7.412 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.00	0.004	0.001	0.003	49	0
2.00	0.004	0.001	0.003	99	0
3.00	0.004	0.001	0.003	180	1
4.00	0.004	0.001	0.003	235	2
5.00	0.004	0.001	0.003	341	3
6.00	0.004	0.001	0.003	268	4
7.00	0.004	0.001	0.003	192	4
8.00	0.004	0.001	0.003	165	5
9.00	0.004	0.001	0.003	143	5
10.00	0.004	0.001	0.003	118	6
11.00	0.004	0.001	0.003	97	6
12.00	0.004	0.001	0.003	80	6
13.00	0.004	0.001	0.003	65	6
14.00	0.004	0.001	0.003	53	7
15.00	0.004	0.001	0.003	43	7
16.00	0.004	0.001	0.003	36	7
17.00	0.004	0.001	0.003	30	7
18.00	0.004	0.001	0.003	26	7
19.00	0.004	0.001	0.003	22	7
20.00	0.004	0.001	0.003	18	7
21.00	0.004	0.001	0.003	15	7
22.00	0.004	0.001	0.003	12	7
23.00	0.004	0.001	0.003	10	7
24.00	0.004	0.001	0.003	8	7
25.00	0.004	0.001	0.003	6	7
26.00	0.004	0.001	0.003	4	7
27.00	0.004	0.001	0.003	3	7
28.00	0.004	0.001	0.003	2	7
29.00	0.004	0.001	0.003	2	7
30.00	0.004	0.001	0.003		7
31.00	0.004	0.001	0.003		7
32.00	0.004	0.001	0.003		7
33.00	0.004	0.001	0.003		7
34.00	0.004	0.001	0.003		7
35.00	0.004	0.001	0.003		7
36.00	0.004	0.001	0.003		7
37.00	0.004	0.001	0.003		7
38.00	0.004	0.001	0.003		7
39.00	0.004	0.001	0.003		7
40.00	0.004	0.001	0.003		7
41.00	0.004	0.001	0.003		7

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
42.00	0.004	0.001	0.003		7
43.00	0.004	0.001	0.003		7
44.00	0.004	0.001	0.003		7
45.00	0.004	0.001	0.003		7
46.00	0.004	0.001	0.003		7
47.00	0.004	0.001	0.003		7
48.00	0.004	0.001	0.003		7
49.00	0.004	0.001	0.003		7
50.00	0.004	0.001	0.003		7
51.00	0.004	0.001	0.003		7
52.00	0.004	0.001	0.003		7
53.00	0.004	0.001	0.003		7
54.00	0.004	0.001	0.003		7
55.00	0.004	0.001	0.003		7
56.00	0.004	0.001	0.003		7
57.00	0.004	0.001	0.003		7
58.00	0.004	0.001	0.003		7
59.00	0.004	0.001	0.003		7
60.00	0.004	0.001	0.003		7
61.00	0.004	0.001	0.003		7
62.00	0.004	0.001	0.003		7
63.00	0.004	0.001	0.003		7
64.00	0.004	0.001	0.003		7
65.00	0.004	0.001	0.003		7
66.00	0.004	0.001	0.003		7
67.00	0.004	0.001	0.003		7
68.00	0.004	0.001	0.003		7
69.00	0.004	0.001	0.003		7
70.00	0.004	0.001	0.003		7
71.00	0.004	0.001	0.003		7
72.00	0.004	0.001	0.003		7
73.00	0.004	0.001	0.003		7
74.00	0.004	0.001	0.003		7
75.00	0.004	0.001	0.003		7
76.00	0.004	0.001	0.003		7
77.00	0.004	0.001	0.003		7
78.00	0.004	0.001	0.003		7
79.00	0.004	0.001	0.003		7
80.00	0.004	0.001	0.003		7
81.00	0.004	0.001	0.003		7
82.00	0.004	0.001	0.003		7

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
83.00	0.004	0.001	0.003		7
84.00	0.004	0.001	0.003		7
85.00	0.004	0.001	0.003		7
86.00	0.004	0.001	0.003		7
87.00	0.004	0.001	0.003		7
88.00	0.004	0.001	0.003		7
89.00	0.004	0.001	0.003		7
90.00	0.004	0.001	0.003		7
91.00	0.004	0.001	0.003		7
92.00	0.004	0.001	0.003		7
93.00	0.004	0.001	0.003		7
94.00	0.005	0.001	0.004		7
95.00	0.005	0.001	0.004		8
96.00	0.005	0.001	0.004		8
97.00	0.005	0.001	0.004		8
98.00	0.005	0.001	0.004		8
99.00	0.005	0.001	0.004		9
100.00	0.005	0.001	0.004		9
101.00	0.005	0.001	0.004		9
102.00	0.005	0.001	0.004		9
103.00	0.005	0.001	0.004		9
104.00	0.005	0.001	0.004		9
105.00	0.005	0.001	0.004		9
106.00	0.005	0.001	0.004		9
107.00	0.005	0.001	0.004		9
108.00	0.005	0.001	0.004		9
109.00	0.005	0.001	0.004		10
110.00	0.005	0.001	0.004		10
111.00	0.005	0.001	0.004		10
112.00	0.005	0.001	0.004		10
113.00	0.005	0.001	0.004		10
114.00	0.005	0.001	0.004		10
115.00	0.005	0.001	0.004		10
116.00	0.005	0.001	0.004		10
117.00	0.005	0.001	0.004		10
118.00	0.005	0.001	0.004		10
119.00	0.005	0.001	0.004		10
120.00	0.005	0.001	0.004		10
121.00	0.005	0.001	0.004		10
122.00	0.005	0.001	0.004		10
123.00	0.005	0.001	0.004		10

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
124.00	0.005	0.001	0.004		10
125.00	0.005	0.001	0.004		10
126.00	0.005	0.001	0.004		10
127.00	0.005	0.001	0.004		10
128.00	0.005	0.001	0.004		10
129.00	0.005	0.001	0.004		10
130.00	0.005	0.001	0.004		10
131.00	0.005	0.001	0.004		10
132.00	0.005	0.001	0.004		10
133.00	0.005	0.001	0.004		10
134.00	0.005	0.001	0.004		10
135.00	0.005	0.001	0.004		10
136.00	0.005	0.001	0.004		10
137.00	0.005	0.001	0.004		10
138.00	0.005	0.001	0.004		10
139.00	0.005	0.001	0.004		10
140.00	0.005	0.001	0.004		10
141.00	0.005	0.001	0.004		10
142.00	0.005	0.001	0.004		10
143.00	0.005	0.001	0.004		10
144.00	0.005	0.001	0.004		10
145.00	0.005	0.001	0.004		10
146.00	0.005	0.001	0.004		10
147.00	0.005	0.001	0.004		10
148.00	0.005	0.001	0.004		10
149.00	0.005	0.001	0.004		10
150.00	0.005	0.001	0.004		10
151.00	0.005	0.001	0.004		10
152.00	0.005	0.001	0.004		10
153.00	0.005	0.001	0.004		10
154.00	0.005	0.001	0.004		10
155.00	0.005	0.001	0.004		10
156.00	0.005	0.001	0.004		10
157.00	0.005	0.001	0.004		10
158.00	0.005	0.001	0.004		10
159.00	0.005	0.001	0.004		10
160.00	0.005	0.001	0.004		10
161.00	0.005	0.001	0.004		10
162.00	0.005	0.001	0.004		10
163.00	0.005	0.001	0.004		10
164.00	0.005	0.001	0.004		10

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
165.00	0.005	0.001	0.004		10
166.00	0.005	0.001	0.004		10
167.00	0.005	0.001	0.004		10
168.00	0.005	0.001	0.004		10
169.00	0.005	0.001	0.004		10
170.00	0.005	0.001	0.004		10
171.00	0.005	0.001	0.004		10
172.00	0.005	0.001	0.004		10
173.00	0.005	0.001	0.004		10
174.00	0.005	0.001	0.004		10
175.00	0.005	0.001	0.004		10
176.00	0.005	0.001	0.004		10
177.00	0.005	0.001	0.004		10
178.00	0.005	0.001	0.004		10
179.00	0.005	0.001	0.004		10
180.00	0.005	0.001	0.004		10
181.00	0.005	0.001	0.004		10
182.00	0.005	0.001	0.004		10
183.00	0.005	0.001	0.004		10
184.00	0.005	0.001	0.004		10
185.00	0.005	0.001	0.004		10
186.00	0.005	0.001	0.004		10
187.00	0.005	0.001	0.004		10
188.00	0.005	0.001	0.004		10
189.00	0.005	0.001	0.004		10
190.00	0.005	0.001	0.004		10
191.00	0.005	0.001	0.004		10
192.00	0.005	0.001	0.004		10
193.00	0.005	0.001	0.004		10
194.00	0.005	0.001	0.004		10
195.00	0.005	0.001	0.004		10
196.00	0.005	0.001	0.004		10
197.00	0.005	0.001	0.004		10
198.00	0.005	0.001	0.004		10
199.00	0.005	0.001	0.004		10
200.00	0.005	0.001	0.004		10
201.00	0.005	0.001	0.004		10
202.00	0.005	0.001	0.004		10
203.00	0.005	0.001	0.004		10
204.00	0.005	0.001	0.004		10
205.00	0.005	0.001	0.004		10

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
206.00	0.006	0.001	0.005		10
207.00	0.006	0.001	0.005		10
208.00	0.006	0.001	0.005		10
209.00	0.006	0.001	0.005		10
210.00	0.006	0.001	0.005		11
211.00	0.006	0.001	0.005		11
212.00	0.006	0.001	0.005		11
213.00	0.006	0.001	0.005		11
214.00	0.006	0.001	0.005		11
215.00	0.006	0.001	0.005		11
216.00	0.006	0.001	0.005		12
217.00	0.006	0.001	0.005		12
218.00	0.006	0.001	0.005		12
219.00	0.006	0.001	0.005		12
220.00	0.006	0.001	0.005		12
221.00	0.006	0.001	0.005		12
222.00	0.006	0.001	0.005		12
223.00	0.006	0.001	0.005		12
224.00	0.006	0.001	0.005		12
225.00	0.006	0.001	0.005		12
226.00	0.006	0.001	0.005		12
227.00	0.006	0.001	0.005		12
228.00	0.006	0.001	0.005		12
229.00	0.006	0.001	0.005		12
230.00	0.006	0.001	0.005		12
231.00	0.006	0.001	0.005		12
232.00	0.006	0.001	0.005		12
233.00	0.006	0.001	0.005		12
234.00	0.006	0.001	0.005		12
235.00	0.006	0.001	0.005		12
236.00	0.006	0.001	0.005		12
237.00	0.006	0.001	0.005		12
238.00	0.006	0.001	0.005		12
239.00	0.006	0.001	0.005		12
240.00	0.006	0.001	0.005		12
241.00	0.006	0.001	0.005		12
242.00	0.006	0.001	0.005		12
243.00	0.006	0.001	0.005		12
244.00	0.006	0.001	0.005		12
245.00	0.006	0.001	0.005		12
246.00	0.006	0.001	0.005		12

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
247.00	0.006	0.001	0.005		12
248.00	0.006	0.001	0.005		12
249.00	0.006	0.001	0.005		12
250.00	0.006	0.001	0.005		12
251.00	0.006	0.001	0.005		12
252.00	0.006	0.001	0.005		12
253.00	0.006	0.001	0.005		12
254.00	0.006	0.001	0.005		12
255.00	0.006	0.001	0.005		12
256.00	0.006	0.001	0.005		12
257.00	0.006	0.001	0.005		12
258.00	0.006	0.001	0.005		12
259.00	0.006	0.001	0.005		12
260.00	0.006	0.001	0.005		12
261.00	0.006	0.001	0.005		12
262.00	0.006	0.001	0.005		12
263.00	0.006	0.001	0.005		12
264.00	0.006	0.001	0.005		12
265.00	0.006	0.001	0.005		12
266.00	0.006	0.001	0.005		12
267.00	0.006	0.001	0.005		12
268.00	0.006	0.001	0.005		12
269.00	0.006	0.001	0.005		12
270.00	0.006	0.001	0.005		12
271.00	0.006	0.001	0.005		12
272.00	0.006	0.001	0.005		12
273.00	0.006	0.001	0.005		12
274.00	0.006	0.001	0.005		12
275.00	0.006	0.001	0.005		12
276.00	0.006	0.001	0.005		12
277.00	0.006	0.001	0.005		12
278.00	0.006	0.001	0.005		12
279.00	0.006	0.001	0.005		12
280.00	0.006	0.001	0.005		12
281.00	0.006	0.001	0.005		12
282.00	0.006	0.001	0.005		12
283.00	0.006	0.001	0.005		12
284.00	0.006	0.001	0.005		12
285.00	0.006	0.001	0.005		12
286.00	0.006	0.001	0.005		12
287.00	0.006	0.001	0.005		12

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
288.00	0.006	0.001	0.005		12
289.00	0.006	0.001	0.005		12
290.00	0.006	0.001	0.005		12
291.00	0.006	0.001	0.005		12
292.00	0.006	0.001	0.005		12
293.00	0.006	0.001	0.005		12
294.00	0.006	0.001	0.005		12
295.00	0.006	0.001	0.005		12
296.00	0.006	0.001	0.005		12
297.00	0.006	0.001	0.005		12
298.00	0.006	0.001	0.005		12
299.00	0.006	0.001	0.005		12
300.00	0.006	0.001	0.005		12
301.00	0.006	0.001	0.005		12
302.00	0.006	0.001	0.005		12
303.00	0.006	0.001	0.005		12
304.00	0.006	0.001	0.005		12
305.00	0.006	0.001	0.005		12
306.00	0.006	0.001	0.005		12
307.00	0.006	0.001	0.005		12
308.00	0.006	0.001	0.005		12
309.00	0.006	0.001	0.005		12
310.00	0.006	0.001	0.005		12
311.00	0.006	0.001	0.005		12
312.00	0.006	0.001	0.005		12
313.00	0.006	0.001	0.005		12
314.00	0.006	0.001	0.005		12
315.00	0.006	0.001	0.005		12
316.00	0.006	0.001	0.005		12
317.00	0.006	0.001	0.005		12
318.00	0.006	0.001	0.005		12
319.00	0.006	0.001	0.005		12
320.00	0.006	0.001	0.005		12
321.00	0.006	0.001	0.005		12
322.00	0.006	0.001	0.005		12
323.00	0.006	0.001	0.005		12
324.00	0.006	0.001	0.005		12
325.00	0.006	0.001	0.005		12
326.00	0.006	0.001	0.005		12
327.00	0.006	0.001	0.005		12
328.00	0.006	0.001	0.005		12

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
329.00	0.006	0.001	0.005		12
330.00	0.006	0.001	0.005		12
331.00	0.006	0.001	0.005		12
332.00	0.006	0.001	0.005		12
333.00	0.006	0.001	0.005		12
334.00	0.006	0.001	0.005		12
335.00	0.006	0.001	0.005		12
336.00	0.006	0.001	0.005		12
337.00	0.006	0.001	0.005		12
338.00	0.006	0.001	0.005		12
339.00	0.006	0.001	0.005		12
340.00	0.006	0.001	0.005		12
341.00	0.007	0.001	0.006		12
342.00	0.007	0.001	0.006		12
343.00	0.007	0.001	0.006		12
344.00	0.007	0.001	0.006		13
345.00	0.007	0.001	0.006		13
346.00	0.007	0.001	0.006		13
347.00	0.007	0.001	0.006		13
348.00	0.007	0.001	0.006		14
349.00	0.007	0.001	0.006		14
350.00	0.007	0.001	0.006		14
351.00	0.007	0.001	0.006		14
352.00	0.007	0.001	0.006		14
353.00	0.007	0.001	0.006		14
354.00	0.007	0.001	0.006		14
355.00	0.007	0.001	0.006		14
356.00	0.007	0.001	0.006		14
357.00	0.007	0.001	0.006		14
358.00	0.007	0.001	0.006		14
359.00	0.007	0.001	0.006		14
360.00	0.007	0.001	0.006		14
361.00	0.007	0.001	0.006		14
362.00	0.007	0.001	0.006		14
363.00	0.007	0.001	0.006		14
364.00	0.007	0.001	0.006		14
365.00	0.007	0.001	0.006		14
366.00	0.007	0.001	0.006		14
367.00	0.007	0.001	0.006		14
368.00	0.007	0.001	0.006		14
369.00	0.007	0.001	0.006		14

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
370.00	0.007	0.001	0.006		14
371.00	0.007	0.001	0.006		14
372.00	0.007	0.001	0.006		14
373.00	0.007	0.001	0.006		14
374.00	0.007	0.001	0.006		14
375.00	0.007	0.001	0.006		14
376.00	0.007	0.001	0.006		14
377.00	0.007	0.001	0.006		14
378.00	0.007	0.001	0.006		14
379.00	0.007	0.001	0.006		14
380.00	0.007	0.001	0.006		14
381.00	0.007	0.001	0.006		14
382.00	0.007	0.001	0.006		14
383.00	0.007	0.001	0.006		14
384.00	0.007	0.001	0.006		14
385.00	0.007	0.001	0.006		14
386.00	0.007	0.001	0.006		14
387.00	0.007	0.001	0.006		14
388.00	0.007	0.001	0.006		14
389.00	0.007	0.001	0.006		14
390.00	0.007	0.001	0.006		14
391.00	0.007	0.001	0.006		14
392.00	0.007	0.001	0.006		14
393.00	0.007	0.001	0.006		14
394.00	0.007	0.001	0.006		14
395.00	0.007	0.001	0.006		14
396.00	0.007	0.001	0.006		14
397.00	0.007	0.001	0.006		14
398.00	0.007	0.001	0.006		14
399.00	0.007	0.001	0.006		14
400.00	0.007	0.001	0.006		14
401.00	0.007	0.001	0.006		14
402.00	0.007	0.001	0.006		14
403.00	0.007	0.001	0.006		14
404.00	0.007	0.001	0.006		14
405.00	0.007	0.001	0.006		14
406.00	0.007	0.001	0.006		14
407.00	0.008	0.001	0.007		14
408.00	0.008	0.001	0.007		14
409.00	0.008	0.001	0.007		15
410.00	0.008	0.001	0.007		15

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
411.00	0.008	0.001	0.007		15
412.00	0.008	0.001	0.007		15
413.00	0.008	0.001	0.007		16
414.00	0.008	0.001	0.007		16
415.00	0.008	0.001	0.007		16
416.00	0.008	0.001	0.007		16
417.00	0.008	0.001	0.007		16
418.00	0.008	0.001	0.007		16
419.00	0.008	0.001	0.007		16
420.00	0.008	0.001	0.007		16
421.00	0.008	0.001	0.007		16
422.00	0.008	0.001	0.007		16
423.00	0.008	0.001	0.007		17
424.00	0.009	0.001	0.008		17
425.00	0.009	0.001	0.008		17
426.00	0.009	0.001	0.008		17
427.00	0.009	0.001	0.008		17
428.00	0.009	0.001	0.008		18
429.00	0.009	0.001	0.008		18
430.00	0.009	0.001	0.008		18
431.00	0.009	0.001	0.008		18
432.00	0.009	0.001	0.008		18
433.00	0.009	0.001	0.008		18
434.00	0.010	0.001	0.009		19
435.00	0.010	0.001	0.009		19
436.00	0.010	0.001	0.009		19
437.00	0.010	0.001	0.009		19
438.00	0.010	0.001	0.009		20
439.00	0.010	0.001	0.009		20
440.00	0.010	0.001	0.009		20
441.00	0.010	0.001	0.009		20
442.00	0.011	0.001	0.010		21
443.00	0.011	0.001	0.010		21
444.00	0.011	0.001	0.010		21
445.00	0.011	0.001	0.010		21
446.00	0.011	0.001	0.010		22
447.00	0.011	0.001	0.010		22
448.00	0.011	0.001	0.010		22
449.00	0.011	0.001	0.010		23
450.00	0.012	0.001	0.011		23
451.00	0.012	0.001	0.011		23

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
452.00	0.012	0.001	0.011		23
453.00	0.012	0.001	0.011		24
454.00	0.012	0.001	0.011		24
455.00	0.012	0.001	0.011		25
456.00	0.013	0.001	0.012		25
457.00	0.013	0.001	0.012		25
458.00	0.013	0.001	0.012		25
459.00	0.013	0.001	0.012		26
460.00	0.013	0.001	0.012		26
461.00	0.013	0.001	0.012		27
462.00	0.014	0.001	0.013		27
463.00	0.014	0.001	0.013		27
464.00	0.014	0.001	0.013		28
465.00	0.014	0.001	0.013		28
466.00	0.014	0.001	0.013		29
467.00	0.015	0.001	0.014		29
468.00	0.015	0.001	0.014		29
469.00	0.015	0.001	0.014		30
470.00	0.015	0.001	0.014		30
471.00	0.015	0.001	0.014		31
472.00	0.016	0.001	0.015		31
473.00	0.016	0.001	0.015		32
474.00	0.016	0.001	0.015		32
475.00	0.016	0.001	0.015		33
476.00	0.017	0.001	0.016		33
477.00	0.017	0.001	0.016		34
478.00	0.017	0.001	0.016		34
479.00	0.017	0.001	0.016		35
480.00	0.017	0.001	0.016		35
481.00	0.018	0.001	0.017		36
482.00	0.018	0.001	0.017		36
483.00	0.018	0.001	0.017		37
484.00	0.018	0.001	0.017		37
485.00	0.019	0.001	0.018		38
486.00	0.019	0.001	0.018		38
487.00	0.019	0.001	0.018		39
488.00	0.019	0.001	0.018		39
489.00	0.020	0.001	0.019		40
490.00	0.020	0.001	0.019		40
491.00	0.020	0.001	0.019		41
492.00	0.020	0.001	0.019		41

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
493.00	0.021	0.001	0.020		42
494.00	0.021	0.001	0.020		43
495.00	0.021	0.001	0.020		43
496.00	0.022	0.001	0.021		44
497.00	0.022	0.001	0.021		44
498.00	0.022	0.001	0.021		45
499.00	0.022	0.001	0.021		46
500.00	0.023	0.001	0.022		46
501.00	0.023	0.001	0.022		47
502.00	0.023	0.001	0.022		48
503.00	0.023	0.001	0.022		48
504.00	0.024	0.001	0.023		49
505.00	0.024	0.001	0.023		49
506.00	0.024	0.001	0.023		50
507.00	0.025	0.001	0.024		51
508.00	0.025	0.001	0.024		51
509.00	0.025	0.001	0.024		52
510.00	0.026	0.001	0.025		53
511.00	0.026	0.001	0.025		53
512.00	0.026	0.001	0.025		54
513.00	0.027	0.001	0.026		55
514.00	0.027	0.001	0.026		56
515.00	0.027	0.001	0.026		56
516.00	0.028	0.001	0.027		57
517.00	0.028	0.001	0.027		58
518.00	0.028	0.001	0.027		59
519.00	0.029	0.001	0.028		59
520.00	0.029	0.001	0.028		60
521.00	0.029	0.001	0.028		61
522.00	0.030	0.001	0.029		62
523.00	0.030	0.001	0.029		62
524.00	0.030	0.001	0.029		63
525.00	0.031	0.001	0.030		64
526.00	0.031	0.001	0.030		65
527.00	0.031	0.001	0.030		66
528.00	0.032	0.001	0.031		66
529.00	0.032	0.001	0.031		67
530.00	0.033	0.001	0.032		68
531.00	0.033	0.001	0.032		69
532.00	0.033	0.001	0.032		70
533.00	0.034	0.001	0.033		70

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
534.00	0.034	0.001	0.033		71
535.00	0.034	0.001	0.033		72
536.00	0.035	0.001	0.034		73
537.00	0.035	0.001	0.034		74
538.00	0.036	0.001	0.035		75
539.00	0.036	0.001	0.035		76
540.00	0.036	0.001	0.035		76
541.00	0.037	0.001	0.036		77
542.00	0.037	0.001	0.036		78
543.00	0.037	0.001	0.036		79
544.00	0.038	0.001	0.037		80
545.00	0.038	0.001	0.037		81
546.00	0.039	0.001	0.038		82
547.00	0.039	0.001	0.038		82
548.00	0.040	0.001	0.039		83
549.00	0.040	0.001	0.039		84
550.00	0.040	0.001	0.039		85
551.00	0.041	0.001	0.040		86
552.00	0.041	0.001	0.040		87
553.00	0.042	0.001	0.041		88
554.00	0.042	0.001	0.041		89
555.00	0.042	0.001	0.041		90
556.00	0.043	0.001	0.042		91
557.00	0.043	0.001	0.042		92
558.00	0.044	0.001	0.043		93
559.00	0.044	0.001	0.043		94
560.00	0.045	0.001	0.044		95
561.00	0.044	0.001	0.043		96
562.00	0.043	0.001	0.042		97
563.00	0.042	0.001	0.041		97
564.00	0.041	0.001	0.040		98
565.00	0.040	0.001	0.039		97
566.00	0.039	0.001	0.038		97
567.00	0.039	0.001	0.038		96
568.00	0.038	0.001	0.037		95
569.00	0.037	0.001	0.036		94
570.00	0.036	0.001	0.035		93
571.00	0.035	0.001	0.034		91
572.00	0.035	0.001	0.034		90
573.00	0.034	0.001	0.033		88
574.00	0.033	0.001	0.032		87

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
575.00	0.032	0.001	0.031		85
576.00	0.032	0.001	0.031		83
577.00	0.031	0.001	0.030		82
578.00	0.030	0.001	0.029		80
579.00	0.029	0.001	0.028		78
580.00	0.029	0.001	0.028		77
581.00	0.028	0.001	0.027		75
582.00	0.027	0.001	0.026		73
583.00	0.027	0.001	0.026		71
584.00	0.026	0.001	0.025		70
585.00	0.025	0.001	0.024		68
586.00	0.025	0.001	0.024		66
587.00	0.024	0.001	0.023		65
588.00	0.024	0.001	0.023		63
589.00	0.023	0.001	0.022		62
590.00	0.022	0.001	0.021		60
591.00	0.022	0.001	0.021		59
592.00	0.021	0.001	0.020		57
593.00	0.021	0.001	0.020		56
594.00	0.020	0.001	0.019		54
595.00	0.020	0.001	0.019		53
596.00	0.019	0.001	0.018		52
597.00	0.019	0.001	0.018		50
598.00	0.018	0.001	0.017		49
599.00	0.018	0.001	0.017		48
600.00	0.017	0.001	0.016		46
601.00	0.017	0.001	0.016		45
602.00	0.016	0.001	0.015		44
603.00	0.016	0.001	0.015		43
604.00	0.016	0.001	0.015		42
605.00	0.015	0.001	0.014		41
606.00	0.015	0.001	0.014		39
607.00	0.014	0.001	0.013		38
608.00	0.014	0.001	0.013		37
609.00	0.014	0.001	0.013		36
610.00	0.013	0.001	0.012		35
611.00	0.013	0.001	0.012		34
612.00	0.012	0.001	0.011		33
613.00	0.012	0.001	0.011		32
614.00	0.012	0.001	0.011		31
615.00	0.012	0.001	0.011		31

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
616.00	0.011	0.001	0.010		30
617.00	0.011	0.001	0.010		29
618.00	0.011	0.001	0.010		28
619.00	0.010	0.001	0.009		27
620.00	0.010	0.001	0.009		27
621.00	0.010	0.001	0.009		26
622.00	0.010	0.001	0.009		25
623.00	0.009	0.001	0.008		24
624.00	0.009	0.001	0.008		24
625.00	0.009	0.001	0.008		23
626.00	0.009	0.001	0.008		22
627.00	0.009	0.001	0.008		22
628.00	0.009	0.001	0.008		21
629.00	0.008	0.001	0.007		21
630.00	0.008	0.001	0.007		20
631.00	0.008	0.001	0.007		20
632.00	0.008	0.001	0.007		19
633.00	0.008	0.001	0.007		19
634.00	0.008	0.001	0.007		18
635.00	0.008	0.001	0.007		18
636.00	0.008	0.001	0.007		18
637.00	0.007	0.001	0.006		18
638.00	0.007	0.001	0.006		17
639.00	0.007	0.001	0.006		17
640.00	0.007	0.001	0.006		17
641.00	0.007	0.001	0.006		16
642.00	0.007	0.001	0.006		16
643.00	0.007	0.001	0.006		16
644.00	0.007	0.001	0.006		15
645.00	0.007	0.001	0.006		15
646.00	0.007	0.001	0.006		15
647.00	0.007	0.001	0.006		15
648.00	0.007	0.001	0.006		15
649.00	0.007	0.001	0.006		15
650.00	0.007	0.001	0.006		15
651.00	0.007	0.001	0.006		15
652.00	0.007	0.001	0.006		15
653.00	0.007	0.001	0.006		14
654.00	0.007	0.001	0.006		14
655.00	0.007	0.001	0.006		14
656.00	0.007	0.001	0.006		14

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
657.00	0.007	0.001	0.006		14
658.00	0.007	0.001	0.006		14
659.00	0.007	0.001	0.006		14
660.00	0.007	0.001	0.006		14
661.00	0.007	0.001	0.006		14
662.00	0.007	0.001	0.006		14
663.00	0.007	0.001	0.006		14
664.00	0.007	0.001	0.006		14
665.00	0.007	0.001	0.006		14
666.00	0.007	0.001	0.006		14
667.00	0.007	0.001	0.006		14
668.00	0.007	0.001	0.006		14
669.00	0.007	0.001	0.006		14
670.00	0.006	0.001	0.005		14
671.00	0.006	0.001	0.005		14
672.00	0.006	0.001	0.005		14
673.00	0.006	0.001	0.005		14
674.00	0.006	0.001	0.005		13
675.00	0.006	0.001	0.005		13
676.00	0.006	0.001	0.005		13
677.00	0.006	0.001	0.005		13
678.00	0.006	0.001	0.005		13
679.00	0.006	0.001	0.005		13
680.00	0.006	0.001	0.005		12
681.00	0.006	0.001	0.005		12
682.00	0.006	0.001	0.005		12
683.00	0.006	0.001	0.005		12
684.00	0.006	0.001	0.005		12
685.00	0.006	0.001	0.005		12
686.00	0.006	0.001	0.005		12
687.00	0.006	0.001	0.005		12
688.00	0.006	0.001	0.005		12
689.00	0.006	0.001	0.005		12
690.00	0.006	0.001	0.005		12
691.00	0.006	0.001	0.005		12
692.00	0.006	0.001	0.005		12
693.00	0.006	0.001	0.005		12
694.00	0.006	0.001	0.005		12
695.00	0.006	0.001	0.005		12
696.00	0.006	0.001	0.005		12
697.00	0.006	0.001	0.005		12

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
698.00	0.006	0.001	0.005		12
699.00	0.006	0.001	0.005		12
700.00	0.006	0.001	0.005		12
701.00	0.006	0.001	0.005		12
702.00	0.006	0.001	0.005		12
703.00	0.006	0.001	0.005		12
704.00	0.006	0.001	0.005		12
705.00	0.006	0.001	0.005		12
706.00	0.006	0.001	0.005		12
707.00	0.006	0.001	0.005		12
708.00	0.006	0.001	0.005		12
709.00	0.006	0.001	0.005		12
710.00	0.006	0.001	0.005		12
711.00	0.006	0.001	0.005		12
712.00	0.006	0.001	0.005		12
713.00	0.006	0.001	0.005		12
714.00	0.006	0.001	0.005		12
715.00	0.006	0.001	0.005		12
716.00	0.006	0.001	0.005		12
717.00	0.006	0.001	0.005		12
718.00	0.006	0.001	0.005		12
719.00	0.006	0.001	0.005		12
720.00	0.006	0.001	0.005		12
721.00	0.006	0.001	0.005		12
722.00	0.006	0.001	0.005		12
723.00	0.006	0.001	0.005		12
724.00	0.006	0.001	0.005		12
725.00	0.006	0.001	0.005		12
726.00	0.006	0.001	0.005		12
727.00	0.006	0.001	0.005		12
728.00	0.006	0.001	0.005		12
729.00	0.006	0.001	0.005		12
730.00	0.006	0.001	0.005		12
731.00	0.006	0.001	0.005		12
732.00	0.006	0.001	0.005		12
733.00	0.006	0.001	0.005		12
734.00	0.006	0.001	0.005		12
735.00	0.006	0.001	0.005		12
736.00	0.006	0.001	0.005		12
737.00	0.005	0.001	0.004		12
738.00	0.005	0.001	0.004		12

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
739.00	0.005	0.001	0.004		12
740.00	0.005	0.001	0.004		11
741.00	0.005	0.001	0.004		11
742.00	0.005	0.001	0.004		11
743.00	0.005	0.001	0.004		11
744.00	0.005	0.001	0.004		10
745.00	0.005	0.001	0.004		10
746.00	0.005	0.001	0.004		10
747.00	0.005	0.001	0.004		10
748.00	0.005	0.001	0.004		10
749.00	0.005	0.001	0.004		10
750.00	0.005	0.001	0.004		10
751.00	0.005	0.001	0.004		10
752.00	0.005	0.001	0.004		10
753.00	0.005	0.001	0.004		10
754.00	0.005	0.001	0.004		10
755.00	0.005	0.001	0.004		10
756.00	0.005	0.001	0.004		10
757.00	0.005	0.001	0.004		10
758.00	0.005	0.001	0.004		10
759.00	0.005	0.001	0.004		10
760.00	0.005	0.001	0.004		10
761.00	0.005	0.001	0.004		10
762.00	0.005	0.001	0.004		10
763.00	0.005	0.001	0.004		10
764.00	0.005	0.001	0.004		10
765.00	0.005	0.001	0.004		10
766.00	0.005	0.001	0.004		10
767.00	0.005	0.001	0.004		10
768.00	0.005	0.001	0.004		10
769.00	0.005	0.001	0.004		10
770.00	0.005	0.001	0.004		10
771.00	0.005	0.001	0.004		10
772.00	0.005	0.001	0.004		10
773.00	0.005	0.001	0.004		10
774.00	0.005	0.001	0.004		10
775.00	0.005	0.001	0.004		10
776.00	0.005	0.001	0.004		10
777.00	0.005	0.001	0.004		10
778.00	0.005	0.001	0.004		10
779.00	0.005	0.001	0.004		10

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
780.00	0.005	0.001	0.004		10
781.00	0.005	0.001	0.004		10
782.00	0.005	0.001	0.004		10
783.00	0.005	0.001	0.004		10
784.00	0.005	0.001	0.004		10
785.00	0.005	0.001	0.004		10
786.00	0.005	0.001	0.004		10
787.00	0.005	0.001	0.004		10
788.00	0.005	0.001	0.004		10
789.00	0.005	0.001	0.004		10
790.00	0.005	0.001	0.004		10
791.00	0.005	0.001	0.004		10
792.00	0.005	0.001	0.004		10
793.00	0.004	0.001	0.003		10
794.00	0.004	0.001	0.003		10
795.00	0.004	0.001	0.003		9
796.00	0.004	0.001	0.003		9
797.00	0.004	0.001	0.003		9
798.00	0.004	0.001	0.003		9
799.00	0.004	0.001	0.003		8
800.00	0.004	0.001	0.003		8
801.00	0.004	0.001	0.003		8
802.00	0.004	0.001	0.003		8
803.00	0.004	0.001	0.003		8
804.00	0.004	0.001	0.003		8
805.00	0.004	0.001	0.003		8
806.00	0.004	0.001	0.003		8
807.00	0.004	0.001	0.003		8
808.00	0.004	0.001	0.003		8
809.00	0.004	0.001	0.003		7
810.00	0.004	0.001	0.003		7
811.00	0.004	0.001	0.003		7
812.00	0.004	0.001	0.003		7
813.00	0.004	0.001	0.003		7
814.00	0.004	0.001	0.003		7
815.00	0.004	0.001	0.003		7
816.00	0.004	0.001	0.003		7
817.00	0.004	0.001	0.003		7
818.00	0.004	0.001	0.003		7
819.00	0.004	0.001	0.003		7
820.00	0.004	0.001	0.003		7

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
821.00	0.004	0.001	0.003		7
822.00	0.004	0.001	0.003		7
823.00	0.004	0.001	0.003		7
824.00	0.004	0.001	0.003		7
825.00	0.004	0.001	0.003		7
826.00	0.004	0.001	0.003		7
827.00	0.004	0.001	0.003		7
828.00	0.004	0.001	0.003		7
829.00	0.004	0.001	0.003		7
830.00	0.004	0.001	0.003		7
831.00	0.004	0.001	0.003		7
832.00	0.004	0.001	0.003		7
833.00	0.004	0.001	0.003		7
834.00	0.004	0.001	0.003		7
835.00	0.004	0.001	0.003		7
836.00	0.004	0.001	0.003		7
837.00	0.004	0.001	0.003		7
838.00	0.004	0.001	0.003		7
839.00	0.004	0.001	0.003		7
840.00	0.004	0.001	0.003		7
841.00					7
842.00					7
843.00					6
844.00					6
845.00					4
846.00					4
847.00					3
848.00					3
849.00					2
850.00					2
851.00					1
852.00					1
853.00					1
854.00					1
855.00					1
856.00					1
857.00					0
858.00					0
859.00					0
860.00					0
861.00					0

NEVADA TEST SITE PMF STUDY
EMPLACEMENT EXHAUST SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 09:45:29

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
862.00					0
863.00					0
864.00					0
865.00					0
866.00					0
867.00					0
868.00					0

F GRAPH SUMMARY REPORT Table 37
VersNo= 1.0 Page 1

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:01:32

BASIN DATA

Basin Area= .27 square miles
Lag Time= .16 hours

LOSS DATA

Initial Loss= 0 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 14 hrs
Unit Duration= 1 min

VOLUME

Volume of Dgraph= 2387
Volume of Ugraph= 1 in
Total Rainfall= 8.100006 in
Total Rainfall Excess= 7.26 in

Volume of Fgraph= 77362 cfs- 1.666667E-02 hr
or 107 ac-ft
or 7.398 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:01:32

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1.00	0.004	0.001	0.003	116	0.4
2.00	0.004	0.001	0.003	182	0.9
3.00	0.004	0.001	0.003	288	1.9
4.00	0.004	0.001	0.003	436	3.2
5.00	0.004	0.001	0.003	601	5.1
6.00	0.004	0.001	0.003	692	7.3
7.00	0.004	0.001	0.003	783	9.8
8.00	0.004	0.001	0.003	1105	13.3
9.00	0.004	0.001	0.003	824	15.9
10.00	0.004	0.001	0.003	631	17.9
11.00	0.004	0.001	0.003	539	19.6
12.00	0.004	0.001	0.003	495	21.2
13.00	0.004	0.001	0.003	454	22.6
14.00	0.004	0.001	0.003	406	23.9
15.00	0.004	0.001	0.003	358	25.0
16.00	0.004	0.001	0.003	315	26.0
17.00	0.004	0.001	0.003	277	26.9
18.00	0.004	0.001	0.003	243	27.7
19.00	0.004	0.001	0.003	213	28.4
20.00	0.004	0.001	0.003	186	29.0
21.00	0.004	0.001	0.003	162	29.5
22.00	0.004	0.001	0.003	141	29.9
23.00	0.004	0.001	0.003	124	30.3
24.00	0.004	0.001	0.003	109	30.7
25.00	0.004	0.001	0.003	97	31.0
26.00	0.004	0.001	0.003	87	31.2
27.00	0.004	0.001	0.003	79	31.5
28.00	0.004	0.001	0.003	71	31.7
29.00	0.004	0.001	0.003	64	31.9
30.00	0.004	0.001	0.003	57	32.1
31.00	0.004	0.001	0.003	50	32.3
32.00	0.004	0.001	0.003	44	32.4
33.00	0.004	0.001	0.003	39	32.5
34.00	0.004	0.001	0.003	34	32.6
35.00	0.004	0.001	0.003	29	32.7
36.00	0.004	0.001	0.003	25	32.8
37.00	0.004	0.001	0.003	21	32.9
38.00	0.004	0.001	0.003	17	32.9
39.00	0.004	0.001	0.003	14	33.0
40.00	0.004	0.001	0.003	12	33.0
41.00	0.004	0.001	0.003	10	33.0

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:01:32

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
42.00	0.004	0.001	0.003	8	33.1
43.00	0.004	0.001	0.003	7	33.1
44.00	0.004	0.001	0.003	6	33.1
45.00	0.004	0.001	0.003	5	33.1
46.00	0.004	0.001	0.003		33.1
47.00	0.004	0.001	0.003		33.1
48.00	0.004	0.001	0.003		33.1
49.00	0.004	0.001	0.003		33.1
50.00	0.004	0.001	0.003		33.1
51.00	0.004	0.001	0.003		33.1
52.00	0.004	0.001	0.003		33.1
53.00	0.004	0.001	0.003		33.1
54.00	0.004	0.001	0.003		33.1
55.00	0.004	0.001	0.003		33.1
56.00	0.004	0.001	0.003		33.1
57.00	0.004	0.001	0.003		33.1
58.00	0.004	0.001	0.003		33.1
59.00	0.004	0.001	0.003		33.1
60.00	0.004	0.001	0.003		33.1
61.00	0.004	0.001	0.003		33.1
62.00	0.004	0.001	0.003		33.1
63.00	0.004	0.001	0.003		33.1
64.00	0.004	0.001	0.003		33.1
65.00	0.004	0.001	0.003		33.1
66.00	0.004	0.001	0.003		33.1
67.00	0.004	0.001	0.003		33.1
68.00	0.004	0.001	0.003		33.1
69.00	0.004	0.001	0.003		33.1
70.00	0.004	0.001	0.003		33.1
71.00	0.004	0.001	0.003		33.1
72.00	0.004	0.001	0.003		33.1
73.00	0.004	0.001	0.003		33.1
74.00	0.004	0.001	0.003		33.1
75.00	0.004	0.001	0.003		33.1
76.00	0.004	0.001	0.003		33.1
77.00	0.004	0.001	0.003		33.1
78.00	0.004	0.001	0.003		33.1
79.00	0.004	0.001	0.003		33.1
80.00	0.004	0.001	0.003		33.1
81.00	0.004	0.001	0.003		33.1
82.00	0.004	0.001	0.003		33.1

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:01:32

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
83.00	0.004	0.001	0.003		33.1
84.00	0.004	0.001	0.003		33.1
85.00	0.004	0.001	0.003		33.1
86.00	0.004	0.001	0.003		33.1
87.00	0.004	0.001	0.003		33.1
88.00	0.004	0.001	0.003		33.1
89.00	0.004	0.001	0.003		33.1
90.00	0.004	0.001	0.003		33.1
91.00	0.004	0.001	0.003		33.1
92.00	0.004	0.001	0.003		33.1
93.00	0.004	0.001	0.003		33.1
94.00	0.005	0.001	0.004		33.2
95.00	0.005	0.001	0.004		33.4
96.00	0.005	0.001	0.004		33.7
97.00	0.005	0.001	0.004		34.1
98.00	0.005	0.001	0.004		34.7
99.00	0.005	0.001	0.004		35.4
100.00	0.005	0.001	0.004		36.2
101.00	0.005	0.001	0.004		37.3
102.00	0.005	0.001	0.004		38.1
103.00	0.005	0.001	0.004		38.8
104.00	0.005	0.001	0.004		39.3
105.00	0.005	0.001	0.004		39.8
106.00	0.005	0.001	0.004		40.3
107.00	0.005	0.001	0.004		40.7
108.00	0.005	0.001	0.004		41.0
109.00	0.005	0.001	0.004		41.3
110.00	0.005	0.001	0.004		41.6
111.00	0.005	0.001	0.004		41.8
112.00	0.005	0.001	0.004		42.1
113.00	0.005	0.001	0.004		42.2
114.00	0.005	0.001	0.004		42.4
115.00	0.005	0.001	0.004		42.6
116.00	0.005	0.001	0.004		42.7
117.00	0.005	0.001	0.004		42.8
118.00	0.005	0.001	0.004		42.9
119.00	0.005	0.001	0.004		43.0
120.00	0.005	0.001	0.004		43.0
121.00	0.005	0.001	0.004		43.1
122.00	0.005	0.001	0.004		43.2
123.00	0.005	0.001	0.004		43.2

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:01:32

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
124.00	0.005	0.001	0.004		43.3
125.00	0.005	0.001	0.004		43.3
126.00	0.005	0.001	0.004		43.4
127.00	0.005	0.001	0.004		43.4
128.00	0.005	0.001	0.004		43.4
129.00	0.005	0.001	0.004		43.5
130.00	0.005	0.001	0.004		43.5
131.00	0.005	0.001	0.004		43.5
132.00	0.005	0.001	0.004		43.5
133.00	0.005	0.001	0.004		43.5
134.00	0.005	0.001	0.004		43.5
135.00	0.005	0.001	0.004		43.5
136.00	0.005	0.001	0.004		43.5
137.00	0.005	0.001	0.004		43.6
138.00	0.005	0.001	0.004		43.6
139.00	0.005	0.001	0.004		43.6
140.00	0.005	0.001	0.004		43.6
141.00	0.005	0.001	0.004		43.6
142.00	0.005	0.001	0.004		43.6
143.00	0.005	0.001	0.004		43.6
144.00	0.005	0.001	0.004		43.6
145.00	0.005	0.001	0.004		43.6
146.00	0.005	0.001	0.004		43.6
147.00	0.005	0.001	0.004		43.6
148.00	0.005	0.001	0.004		43.6
149.00	0.005	0.001	0.004		43.6
150.00	0.005	0.001	0.004		43.6
151.00	0.005	0.001	0.004		43.6
152.00	0.005	0.001	0.004		43.6
153.00	0.005	0.001	0.004		43.6
154.00	0.005	0.001	0.004		43.6
155.00	0.005	0.001	0.004		43.6
156.00	0.005	0.001	0.004		43.6
157.00	0.005	0.001	0.004		43.6
158.00	0.005	0.001	0.004		43.6
159.00	0.005	0.001	0.004		43.6
160.00	0.005	0.001	0.004		43.6
161.00	0.005	0.001	0.004		43.6
162.00	0.005	0.001	0.004		43.6
163.00	0.005	0.001	0.004		43.6
164.00	0.005	0.001	0.004		43.6

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
165.00	0.005	0.001	0.004		43.6
166.00	0.005	0.001	0.004		43.6
167.00	0.005	0.001	0.004		43.6
168.00	0.005	0.001	0.004		43.6
169.00	0.005	0.001	0.004		43.6
170.00	0.005	0.001	0.004		43.6
171.00	0.005	0.001	0.004		43.6
172.00	0.005	0.001	0.004		43.6
173.00	0.005	0.001	0.004		43.6
174.00	0.005	0.001	0.004		43.6
175.00	0.005	0.001	0.004		43.6
176.00	0.005	0.001	0.004		43.6
177.00	0.005	0.001	0.004		43.6
178.00	0.005	0.001	0.004		43.6
179.00	0.005	0.001	0.004		43.6
180.00	0.005	0.001	0.004		43.6
181.00	0.005	0.001	0.004		43.6
182.00	0.005	0.001	0.004		43.6
183.00	0.005	0.001	0.004		43.6
184.00	0.005	0.001	0.004		43.6
185.00	0.005	0.001	0.004		43.6
186.00	0.005	0.001	0.004		43.6
187.00	0.005	0.001	0.004		43.6
188.00	0.005	0.001	0.004		43.6
189.00	0.005	0.001	0.004		43.6
190.00	0.005	0.001	0.004		43.6
191.00	0.005	0.001	0.004		43.6
192.00	0.005	0.001	0.004		43.6
193.00	0.005	0.001	0.004		43.6
194.00	0.005	0.001	0.004		43.6
195.00	0.005	0.001	0.004		43.6
196.00	0.005	0.001	0.004		43.6
197.00	0.005	0.001	0.004		43.6
198.00	0.005	0.001	0.004		43.6
199.00	0.005	0.001	0.004		43.6
200.00	0.005	0.001	0.004		43.6
201.00	0.005	0.001	0.004		43.6
202.00	0.005	0.001	0.004		43.6
203.00	0.005	0.001	0.004		43.6
204.00	0.005	0.001	0.004		43.6
205.00	0.005	0.001	0.004		43.6

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
206.00	0.006	0.001	0.005		43.7
207.00	0.006	0.001	0.005		43.9
208.00	0.006	0.001	0.005		44.1
209.00	0.006	0.001	0.005		44.6
210.00	0.006	0.001	0.005		45.2
211.00	0.006	0.001	0.005		45.9
212.00	0.006	0.001	0.005		46.7
213.00	0.006	0.001	0.005		47.8
214.00	0.006	0.001	0.005		48.6
215.00	0.006	0.001	0.005		49.2
216.00	0.006	0.001	0.005		49.8
217.00	0.006	0.001	0.005		50.3
218.00	0.006	0.001	0.005		50.7
219.00	0.006	0.001	0.005		51.1
220.00	0.006	0.001	0.005		51.5
221.00	0.006	0.001	0.005		51.8
222.00	0.006	0.001	0.005		52.1
223.00	0.006	0.001	0.005		52.3
224.00	0.006	0.001	0.005		52.5
225.00	0.006	0.001	0.005		52.7
226.00	0.006	0.001	0.005		52.9
227.00	0.006	0.001	0.005		53.0
228.00	0.006	0.001	0.005		53.1
229.00	0.006	0.001	0.005		53.2
230.00	0.006	0.001	0.005		53.3
231.00	0.006	0.001	0.005		53.4
232.00	0.006	0.001	0.005		53.5
233.00	0.006	0.001	0.005		53.6
234.00	0.006	0.001	0.005		53.6
235.00	0.006	0.001	0.005		53.7
236.00	0.006	0.001	0.005		53.7
237.00	0.006	0.001	0.005		53.8
238.00	0.006	0.001	0.005		53.8
239.00	0.006	0.001	0.005		53.9
240.00	0.006	0.001	0.005		53.9
241.00	0.006	0.001	0.005		53.9
242.00	0.006	0.001	0.005		53.9
243.00	0.006	0.001	0.005		54.0
244.00	0.006	0.001	0.005		54.0
245.00	0.006	0.001	0.005		54.0
246.00	0.006	0.001	0.005		54.0

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
247.00	0.006	0.001	0.005		54.0
248.00	0.006	0.001	0.005		54.0
249.00	0.006	0.001	0.005		54.0
250.00	0.006	0.001	0.005		54.0
251.00	0.006	0.001	0.005		54.0
252.00	0.006	0.001	0.005		54.0
253.00	0.006	0.001	0.005		54.0
254.00	0.006	0.001	0.005		54.0
255.00	0.006	0.001	0.005		54.0
256.00	0.006	0.001	0.005		54.0
257.00	0.006	0.001	0.005		54.0
258.00	0.006	0.001	0.005		54.0
259.00	0.006	0.001	0.005		54.0
260.00	0.006	0.001	0.005		54.0
261.00	0.006	0.001	0.005		54.0
262.00	0.006	0.001	0.005		54.0
263.00	0.006	0.001	0.005		54.0
264.00	0.006	0.001	0.005		54.0
265.00	0.006	0.001	0.005		54.0
266.00	0.006	0.001	0.005		54.0
267.00	0.006	0.001	0.005		54.0
268.00	0.006	0.001	0.005		54.0
269.00	0.006	0.001	0.005		54.0
270.00	0.006	0.001	0.005		54.0
271.00	0.006	0.001	0.005		54.0
272.00	0.006	0.001	0.005		54.0
273.00	0.006	0.001	0.005		54.0
274.00	0.006	0.001	0.005		54.0
275.00	0.006	0.001	0.005		54.0
276.00	0.006	0.001	0.005		54.0
277.00	0.006	0.001	0.005		54.0
278.00	0.006	0.001	0.005		54.0
279.00	0.006	0.001	0.005		54.0
280.00	0.006	0.001	0.005		54.0
281.00	0.006	0.001	0.005		54.0
282.00	0.006	0.001	0.005		54.0
283.00	0.006	0.001	0.005		54.0
284.00	0.006	0.001	0.005		54.0
285.00	0.006	0.001	0.005		54.0
286.00	0.006	0.001	0.005		54.0
287.00	0.006	0.001	0.005		54.0

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
288.00	0.006	0.001	0.005		54.0
289.00	0.006	0.001	0.005		54.0
290.00	0.006	0.001	0.005		54.0
291.00	0.006	0.001	0.005		54.0
292.00	0.006	0.001	0.005		54.0
293.00	0.006	0.001	0.005		54.0
294.00	0.006	0.001	0.005		54.0
295.00	0.006	0.001	0.005		54.0
296.00	0.006	0.001	0.005		54.0
297.00	0.006	0.001	0.005		54.0
298.00	0.006	0.001	0.005		54.0
299.00	0.006	0.001	0.005		54.0
300.00	0.006	0.001	0.005		54.0
301.00	0.006	0.001	0.005		54.0
302.00	0.006	0.001	0.005		54.0
303.00	0.006	0.001	0.005		54.0
304.00	0.006	0.001	0.005		54.0
305.00	0.006	0.001	0.005		54.0
306.00	0.006	0.001	0.005		54.0
307.00	0.006	0.001	0.005		54.0
308.00	0.006	0.001	0.005		54.0
309.00	0.006	0.001	0.005		54.0
310.00	0.006	0.001	0.005		54.0
311.00	0.006	0.001	0.005		54.0
312.00	0.006	0.001	0.005		54.0
313.00	0.006	0.001	0.005		54.0
314.00	0.006	0.001	0.005		54.0
315.00	0.006	0.001	0.005		54.0
316.00	0.006	0.001	0.005		54.0
317.00	0.006	0.001	0.005		54.0
318.00	0.006	0.001	0.005		54.0
319.00	0.006	0.001	0.005		54.0
320.00	0.006	0.001	0.005		54.0
321.00	0.006	0.001	0.005		54.0
322.00	0.006	0.001	0.005		54.0
323.00	0.006	0.001	0.005		54.0
324.00	0.006	0.001	0.005		54.0
325.00	0.006	0.001	0.005		54.0
326.00	0.006	0.001	0.005		54.0
327.00	0.006	0.001	0.005		54.0
328.00	0.006	0.001	0.005		54.0

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
329.00	0.006	0.001	0.005		54.0
330.00	0.006	0.001	0.005		54.0
331.00	0.006	0.001	0.005		54.0
332.00	0.006	0.001	0.005		54.0
333.00	0.006	0.001	0.005		54.0
334.00	0.006	0.001	0.005		54.0
335.00	0.006	0.001	0.005		54.0
336.00	0.006	0.001	0.005		54.0
337.00	0.006	0.001	0.005		54.0
338.00	0.006	0.001	0.005		54.0
339.00	0.006	0.001	0.005		54.0
340.00	0.006	0.001	0.005		54.0
341.00	0.007	0.001	0.006		54.1
342.00	0.007	0.001	0.006		54.3
343.00	0.007	0.001	0.006		54.6
344.00	0.007	0.001	0.006		55.0
345.00	0.007	0.001	0.006		55.6
346.00	0.007	0.001	0.006		56.3
347.00	0.007	0.001	0.006		57.1
348.00	0.007	0.001	0.006		58.2
349.00	0.007	0.001	0.006		59.0
350.00	0.007	0.001	0.006		59.7
351.00	0.007	0.001	0.006		60.2
352.00	0.007	0.001	0.006		60.7
353.00	0.007	0.001	0.006		61.2
354.00	0.007	0.001	0.006		61.6
355.00	0.007	0.001	0.006		61.9
356.00	0.007	0.001	0.006		62.2
357.00	0.007	0.001	0.006		62.5
358.00	0.007	0.001	0.006		62.8
359.00	0.007	0.001	0.006		63.0
360.00	0.007	0.001	0.006		63.2
361.00	0.007	0.001	0.006		63.3
362.00	0.007	0.001	0.006		63.5
363.00	0.007	0.001	0.006		63.6
364.00	0.007	0.001	0.006		63.7
365.00	0.007	0.001	0.006		63.8
366.00	0.007	0.001	0.006		63.9
367.00	0.007	0.001	0.006		64.0
368.00	0.007	0.001	0.006		64.0
369.00	0.007	0.001	0.006		64.1

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
370.00	0.007	0.001	0.006		64.1
371.00	0.007	0.001	0.006		64.2
372.00	0.007	0.001	0.006		64.2
373.00	0.007	0.001	0.006		64.3
374.00	0.007	0.001	0.006		64.3
375.00	0.007	0.001	0.006		64.3
376.00	0.007	0.001	0.006		64.4
377.00	0.007	0.001	0.006		64.4
378.00	0.007	0.001	0.006		64.4
379.00	0.007	0.001	0.006		64.4
380.00	0.007	0.001	0.006		64.4
381.00	0.007	0.001	0.006		64.4
382.00	0.007	0.001	0.006		64.5
383.00	0.007	0.001	0.006		64.5
384.00	0.007	0.001	0.006		64.5
385.00	0.007	0.001	0.006		64.5
386.00	0.007	0.001	0.006		64.5
387.00	0.007	0.001	0.006		64.5
388.00	0.007	0.001	0.006		64.5
389.00	0.007	0.001	0.006		64.5
390.00	0.007	0.001	0.006		64.5
391.00	0.007	0.001	0.006		64.5
392.00	0.007	0.001	0.006		64.5
393.00	0.007	0.001	0.006		64.5
394.00	0.007	0.001	0.006		64.5
395.00	0.007	0.001	0.006		64.5
396.00	0.007	0.001	0.006		64.5
397.00	0.007	0.001	0.006		64.5
398.00	0.007	0.001	0.006		64.5
399.00	0.007	0.001	0.006		64.5
400.00	0.007	0.001	0.006		64.5
401.00	0.007	0.001	0.006		64.5
402.00	0.007	0.001	0.006		64.5
403.00	0.007	0.001	0.006		64.5
404.00	0.007	0.001	0.006		64.5
405.00	0.007	0.001	0.006		64.5
406.00	0.007	0.001	0.006		64.5
407.00	0.008	0.001	0.007		64.6
408.00	0.008	0.001	0.007		64.8
409.00	0.008	0.001	0.007		65.1
410.00	0.008	0.001	0.007		65.5

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
411.00	0.008	0.001	0.007		66.1
412.00	0.008	0.001	0.007		66.8
413.00	0.008	0.001	0.007		67.6
414.00	0.008	0.001	0.007		68.7
415.00	0.008	0.001	0.007		69.5
416.00	0.008	0.001	0.007		70.1
417.00	0.008	0.001	0.007		70.7
418.00	0.008	0.001	0.007		71.2
419.00	0.008	0.001	0.007		71.6
420.00	0.008	0.001	0.007		72.0
421.00	0.008	0.001	0.007		72.4
422.00	0.008	0.001	0.007		72.7
423.00	0.008	0.001	0.007		73.0
424.00	0.009	0.001	0.008		73.3
425.00	0.009	0.001	0.008		73.7
426.00	0.009	0.001	0.008		74.2
427.00	0.009	0.001	0.008		74.8
428.00	0.009	0.001	0.008		75.5
429.00	0.009	0.001	0.008		76.4
430.00	0.009	0.001	0.008		77.2
431.00	0.009	0.001	0.008		78.4
432.00	0.009	0.001	0.008		79.4
433.00	0.009	0.001	0.008		80.1
434.00	0.010	0.001	0.009		80.8
435.00	0.010	0.001	0.009		81.5
436.00	0.010	0.001	0.009		82.3
437.00	0.010	0.001	0.009		83.2
438.00	0.010	0.001	0.009		84.2
439.00	0.010	0.001	0.009		85.3
440.00	0.010	0.001	0.009		86.4
441.00	0.010	0.001	0.009		87.7
442.00	0.011	0.001	0.010		88.9
443.00	0.011	0.001	0.010		89.9
444.00	0.011	0.001	0.010		90.9
445.00	0.011	0.001	0.010		92.0
446.00	0.011	0.001	0.010		93.2
447.00	0.011	0.001	0.010		94.4
448.00	0.011	0.001	0.010		95.7
449.00	0.011	0.001	0.010		97.2
450.00	0.012	0.001	0.011		98.5
451.00	0.012	0.001	0.011		99.6

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
452.00	0.012	0.001	0.011		100.7
453.00	0.012	0.001	0.011		101.9
454.00	0.012	0.001	0.011		103.2
455.00	0.012	0.001	0.011		104.5
456.00	0.013	0.001	0.012		105.9
457.00	0.013	0.001	0.012		107.6
458.00	0.013	0.001	0.012		109.1
459.00	0.013	0.001	0.012		110.6
460.00	0.013	0.001	0.012		112.0
461.00	0.013	0.001	0.012		113.5
462.00	0.014	0.001	0.013		115.1
463.00	0.014	0.001	0.013		117.0
464.00	0.014	0.001	0.013		118.6
465.00	0.014	0.001	0.013		120.2
466.00	0.014	0.001	0.013		121.7
467.00	0.015	0.001	0.014		123.4
468.00	0.015	0.001	0.014		125.1
469.00	0.015	0.001	0.014		127.2
470.00	0.015	0.001	0.014		129.1
471.00	0.015	0.001	0.014		130.9
472.00	0.016	0.001	0.015		132.7
473.00	0.016	0.001	0.015		134.5
474.00	0.016	0.001	0.015		136.7
475.00	0.016	0.001	0.015		138.7
476.00	0.017	0.001	0.016		140.7
477.00	0.017	0.001	0.016		142.7
478.00	0.017	0.001	0.016		144.7
479.00	0.017	0.001	0.016		147.2
480.00	0.017	0.001	0.016		149.4
481.00	0.018	0.001	0.017		151.5
482.00	0.018	0.001	0.017		153.6
483.00	0.018	0.001	0.017		156.0
484.00	0.018	0.001	0.017		158.2
485.00	0.019	0.001	0.018		160.4
486.00	0.019	0.001	0.018		162.5
487.00	0.019	0.001	0.018		164.7
488.00	0.019	0.001	0.018		167.2
489.00	0.020	0.001	0.019		169.7
490.00	0.020	0.001	0.019		171.9
491.00	0.020	0.001	0.019		174.2
492.00	0.020	0.001	0.019		176.9

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
493.00	0.021	0.001	0.020		179.4
494.00	0.021	0.001	0.020		181.8
495.00	0.021	0.001	0.020		184.1
496.00	0.022	0.001	0.021		187.0
497.00	0.022	0.001	0.021		189.6
498.00	0.022	0.001	0.021		192.2
499.00	0.022	0.001	0.021		194.7
500.00	0.023	0.001	0.022		197.8
501.00	0.023	0.001	0.022		200.5
502.00	0.023	0.001	0.022		203.2
503.00	0.023	0.001	0.022		206.1
504.00	0.024	0.001	0.023		208.9
505.00	0.024	0.001	0.023		211.5
506.00	0.024	0.001	0.023		214.1
507.00	0.025	0.001	0.024		217.1
508.00	0.025	0.001	0.024		219.9
509.00	0.025	0.001	0.024		222.6
510.00	0.026	0.001	0.025		225.4
511.00	0.026	0.001	0.025		228.6
512.00	0.026	0.001	0.025		231.5
513.00	0.027	0.001	0.026		234.5
514.00	0.027	0.001	0.026		237.9
515.00	0.027	0.001	0.026		241.0
516.00	0.028	0.001	0.027		244.1
517.00	0.028	0.001	0.027		247.6
518.00	0.028	0.001	0.027		250.7
519.00	0.029	0.001	0.028		254.0
520.00	0.029	0.001	0.028		257.5
521.00	0.029	0.001	0.028		260.7
522.00	0.030	0.001	0.029		264.0
523.00	0.030	0.001	0.029		267.6
524.00	0.030	0.001	0.029		270.9
525.00	0.031	0.001	0.030		274.2
526.00	0.031	0.001	0.030		277.8
527.00	0.031	0.001	0.030		281.1
528.00	0.032	0.001	0.031		284.5
529.00	0.032	0.001	0.031		288.1
530.00	0.033	0.001	0.032		291.6
531.00	0.033	0.001	0.032		295.0
532.00	0.033	0.001	0.032		298.7
533.00	0.034	0.001	0.033		302.4

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
534.00	0.034	0.001	0.033		306.0
535.00	0.034	0.001	0.033		309.8
536.00	0.035	0.001	0.034		313.6
537.00	0.035	0.001	0.034		317.5
538.00	0.036	0.001	0.035		321.2
539.00	0.036	0.001	0.035		324.8
540.00	0.036	0.001	0.035		328.7
541.00	0.037	0.001	0.036		332.5
542.00	0.037	0.001	0.036		336.3
543.00	0.037	0.001	0.036		340.3
544.00	0.038	0.001	0.037		344.1
545.00	0.038	0.001	0.037		348.2
546.00	0.039	0.001	0.038		351.9
547.00	0.039	0.001	0.038		355.6
548.00	0.040	0.001	0.039		359.8
549.00	0.040	0.001	0.039		363.7
550.00	0.040	0.001	0.039		367.6
551.00	0.041	0.001	0.040		371.9
552.00	0.041	0.001	0.040		376.0
553.00	0.042	0.001	0.041		380.4
554.00	0.042	0.001	0.041		384.5
555.00	0.042	0.001	0.041		388.8
556.00	0.043	0.001	0.042		392.9
557.00	0.043	0.001	0.042		397.0
558.00	0.044	0.001	0.043		401.3
559.00	0.044	0.001	0.043		405.5
560.00	0.045	0.001	0.044		409.9
561.00	0.044	0.001	0.043		414.0
562.00	0.043	0.001	0.042		417.8
563.00	0.042	0.001	0.041		421.6
564.00	0.041	0.001	0.040		424.7
565.00	0.040	0.001	0.039		427.2
566.00	0.039	0.001	0.038		428.5
567.00	0.039	0.001	0.038		429.1
568.00	0.038	0.001	0.037		428.1
569.00	0.037	0.001	0.036		425.9
570.00	0.036	0.001	0.035		422.9
571.00	0.035	0.001	0.034		419.3
572.00	0.035	0.001	0.034		415.2
573.00	0.034	0.001	0.033		410.6
574.00	0.033	0.001	0.032		405.8

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
575.00	0.032	0.001	0.031		400.3
576.00	0.032	0.001	0.031		394.5
577.00	0.031	0.001	0.030		388.3
578.00	0.030	0.001	0.029		382.0
579.00	0.029	0.001	0.028		375.7
580.00	0.029	0.001	0.028		369.1
581.00	0.028	0.001	0.027		362.2
582.00	0.027	0.001	0.026		355.2
583.00	0.027	0.001	0.026		348.5
584.00	0.026	0.001	0.025		341.5
585.00	0.025	0.001	0.024		334.2
586.00	0.025	0.001	0.024		327.1
587.00	0.024	0.001	0.023		320.2
588.00	0.024	0.001	0.023		313.2
589.00	0.023	0.001	0.022		306.2
590.00	0.022	0.001	0.021		299.4
591.00	0.022	0.001	0.021		292.5
592.00	0.021	0.001	0.020		285.6
593.00	0.021	0.001	0.020		279.0
594.00	0.020	0.001	0.019		272.3
595.00	0.020	0.001	0.019		265.9
596.00	0.019	0.001	0.018		259.2
597.00	0.019	0.001	0.018		252.7
598.00	0.018	0.001	0.017		246.5
599.00	0.018	0.001	0.017		240.3
600.00	0.017	0.001	0.016		234.4
601.00	0.017	0.001	0.016		228.4
602.00	0.016	0.001	0.015		222.6
603.00	0.016	0.001	0.015		216.7
604.00	0.016	0.001	0.015		211.2
605.00	0.015	0.001	0.014		205.5
606.00	0.015	0.001	0.014		200.2
607.00	0.014	0.001	0.013		194.7
608.00	0.014	0.001	0.013		189.7
609.00	0.014	0.001	0.013		184.5
610.00	0.013	0.001	0.012		179.7
611.00	0.013	0.001	0.012		175.1
612.00	0.012	0.001	0.011		170.2
613.00	0.012	0.001	0.011		165.5
614.00	0.012	0.001	0.011		160.8
615.00	0.012	0.001	0.011		156.4

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
616.00	0.011	0.001	0.010		152.2
617.00	0.011	0.001	0.010		147.8
618.00	0.011	0.001	0.010		143.7
619.00	0.010	0.001	0.009		139.5
620.00	0.010	0.001	0.009		135.7
621.00	0.010	0.001	0.009		132.1
622.00	0.010	0.001	0.009		128.6
623.00	0.009	0.001	0.008		124.7
624.00	0.009	0.001	0.008		121.2
625.00	0.009	0.001	0.008		118.0
626.00	0.009	0.001	0.008		114.5
627.00	0.009	0.001	0.008		111.4
628.00	0.009	0.001	0.008		108.5
629.00	0.008	0.001	0.007		105.7
630.00	0.008	0.001	0.007		102.8
631.00	0.008	0.001	0.007		100.2
632.00	0.008	0.001	0.007		97.8
633.00	0.008	0.001	0.007		95.5
634.00	0.008	0.001	0.007		93.3
635.00	0.008	0.001	0.007		91.2
636.00	0.008	0.001	0.007		89.0
637.00	0.007	0.001	0.006		87.0
638.00	0.007	0.001	0.006		85.3
639.00	0.007	0.001	0.006		83.7
640.00	0.007	0.001	0.006		82.0
641.00	0.007	0.001	0.006		80.4
642.00	0.007	0.001	0.006		78.8
643.00	0.007	0.001	0.006		77.2
644.00	0.007	0.001	0.006		75.3
645.00	0.007	0.001	0.006		73.9
646.00	0.007	0.001	0.006		72.7
647.00	0.007	0.001	0.006		71.7
648.00	0.007	0.001	0.006		70.8
649.00	0.007	0.001	0.006		70.0
650.00	0.007	0.001	0.006		69.2
651.00	0.007	0.001	0.006		68.6
652.00	0.007	0.001	0.006		68.1
653.00	0.007	0.001	0.006		67.6
654.00	0.007	0.001	0.006		67.2
655.00	0.007	0.001	0.006		66.8
656.00	0.007	0.001	0.006		66.5

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
657.00	0.007	0.001	0.006		66.2
658.00	0.007	0.001	0.006		65.9
659.00	0.007	0.001	0.006		65.7
660.00	0.007	0.001	0.006		65.5
661.00	0.007	0.001	0.006		65.4
662.00	0.007	0.001	0.006		65.3
663.00	0.007	0.001	0.006		65.1
664.00	0.007	0.001	0.006		65.0
665.00	0.007	0.001	0.006		64.9
666.00	0.007	0.001	0.006		64.9
667.00	0.007	0.001	0.006		64.8
668.00	0.007	0.001	0.006		64.7
669.00	0.007	0.001	0.006		64.7
670.00	0.006	0.001	0.005		64.5
671.00	0.006	0.001	0.005		64.3
672.00	0.006	0.001	0.005		64.0
673.00	0.006	0.001	0.005		63.5
674.00	0.006	0.001	0.005		62.9
675.00	0.006	0.001	0.005		62.2
676.00	0.006	0.001	0.005		61.4
677.00	0.006	0.001	0.005		60.3
678.00	0.006	0.001	0.005		59.5
679.00	0.006	0.001	0.005		58.8
680.00	0.006	0.001	0.005		58.3
681.00	0.006	0.001	0.005		57.8
682.00	0.006	0.001	0.005		57.3
683.00	0.006	0.001	0.005		56.9
684.00	0.006	0.001	0.005		56.6
685.00	0.006	0.001	0.005		56.2
686.00	0.006	0.001	0.005		56.0
687.00	0.006	0.001	0.005		55.7
688.00	0.006	0.001	0.005		55.5
689.00	0.006	0.001	0.005		55.3
690.00	0.006	0.001	0.005		55.2
691.00	0.006	0.001	0.005		55.0
692.00	0.006	0.001	0.005		54.9
693.00	0.006	0.001	0.005		54.8
694.00	0.006	0.001	0.005		54.7
695.00	0.006	0.001	0.005		54.6
696.00	0.006	0.001	0.005		54.5
697.00	0.006	0.001	0.005		54.5

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
698.00	0.006	0.001	0.005		54.4
699.00	0.006	0.001	0.005		54.3
700.00	0.006	0.001	0.005		54.3
701.00	0.006	0.001	0.005		54.2
702.00	0.006	0.001	0.005		54.2
703.00	0.006	0.001	0.005		54.2
704.00	0.006	0.001	0.005		54.1
705.00	0.006	0.001	0.005		54.1
706.00	0.006	0.001	0.005		54.1
707.00	0.006	0.001	0.005		54.1
708.00	0.006	0.001	0.005		54.1
709.00	0.006	0.001	0.005		54.0
710.00	0.006	0.001	0.005		54.0
711.00	0.006	0.001	0.005		54.0
712.00	0.006	0.001	0.005		54.0
713.00	0.006	0.001	0.005		54.0
714.00	0.006	0.001	0.005		54.0
715.00	0.006	0.001	0.005		54.0
716.00	0.006	0.001	0.005		54.0
717.00	0.006	0.001	0.005		54.0
718.00	0.006	0.001	0.005		54.0
719.00	0.006	0.001	0.005		54.0
720.00	0.006	0.001	0.005		54.0
721.00	0.006	0.001	0.005		54.0
722.00	0.006	0.001	0.005		54.0
723.00	0.006	0.001	0.005		54.0
724.00	0.006	0.001	0.005		54.0
725.00	0.006	0.001	0.005		54.0
726.00	0.006	0.001	0.005		54.0
727.00	0.006	0.001	0.005		54.0
728.00	0.006	0.001	0.005		54.0
729.00	0.006	0.001	0.005		54.0
730.00	0.006	0.001	0.005		54.0
731.00	0.006	0.001	0.005		54.0
732.00	0.006	0.001	0.005		54.0
733.00	0.006	0.001	0.005		54.0
734.00	0.006	0.001	0.005		54.0
735.00	0.006	0.001	0.005		54.0
736.00	0.006	0.001	0.005		54.0
737.00	0.005	0.001	0.004		53.9
738.00	0.005	0.001	0.004		53.7

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
739.00	0.005	0.001	0.004		53.4
740.00	0.005	0.001	0.004		53.0
741.00	0.005	0.001	0.004		52.4
742.00	0.005	0.001	0.004		51.7
743.00	0.005	0.001	0.004		50.9
744.00	0.005	0.001	0.004		49.8
745.00	0.005	0.001	0.004		49.0
746.00	0.005	0.001	0.004		48.4
747.00	0.005	0.001	0.004		47.8
748.00	0.005	0.001	0.004		47.3
749.00	0.005	0.001	0.004		46.9
750.00	0.005	0.001	0.004		46.5
751.00	0.005	0.001	0.004		46.1
752.00	0.005	0.001	0.004		45.8
753.00	0.005	0.001	0.004		45.5
754.00	0.005	0.001	0.004		45.3
755.00	0.005	0.001	0.004		45.1
756.00	0.005	0.001	0.004		44.9
757.00	0.005	0.001	0.004		44.7
758.00	0.005	0.001	0.004		44.6
759.00	0.005	0.001	0.004		44.4
760.00	0.005	0.001	0.004		44.3
761.00	0.005	0.001	0.004		44.2
762.00	0.005	0.001	0.004		44.2
763.00	0.005	0.001	0.004		44.1
764.00	0.005	0.001	0.004		44.0
765.00	0.005	0.001	0.004		43.9
766.00	0.005	0.001	0.004		43.9
767.00	0.005	0.001	0.004		43.8
768.00	0.005	0.001	0.004		43.8
769.00	0.005	0.001	0.004		43.7
770.00	0.005	0.001	0.004		43.7
771.00	0.005	0.001	0.004		43.7
772.00	0.005	0.001	0.004		43.7
773.00	0.005	0.001	0.004		43.6
774.00	0.005	0.001	0.004		43.6
775.00	0.005	0.001	0.004		43.6
776.00	0.005	0.001	0.004		43.6
777.00	0.005	0.001	0.004		43.6
778.00	0.005	0.001	0.004		43.6
779.00	0.005	0.001	0.004		43.6

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
780.00	0.005	0.001	0.004		43.6
781.00	0.005	0.001	0.004		43.6
782.00	0.005	0.001	0.004		43.6
783.00	0.005	0.001	0.004		43.6
784.00	0.005	0.001	0.004		43.6
785.00	0.005	0.001	0.004		43.6
786.00	0.005	0.001	0.004		43.6
787.00	0.005	0.001	0.004		43.6
788.00	0.005	0.001	0.004		43.6
789.00	0.005	0.001	0.004		43.6
790.00	0.005	0.001	0.004		43.6
791.00	0.005	0.001	0.004		43.6
792.00	0.005	0.001	0.004		43.6
793.00	0.004	0.001	0.003		43.4
794.00	0.004	0.001	0.003		43.3
795.00	0.004	0.001	0.003		43.0
796.00	0.004	0.001	0.003		42.5
797.00	0.004	0.001	0.003		41.9
798.00	0.004	0.001	0.003		41.2
799.00	0.004	0.001	0.003		40.5
800.00	0.004	0.001	0.003		39.4
801.00	0.004	0.001	0.003		38.5
802.00	0.004	0.001	0.003		37.9
803.00	0.004	0.001	0.003		37.4
804.00	0.004	0.001	0.003		36.9
805.00	0.004	0.001	0.003		36.4
806.00	0.004	0.001	0.003		36.0
807.00	0.004	0.001	0.003		35.7
808.00	0.004	0.001	0.003		35.3
809.00	0.004	0.001	0.003		35.1
810.00	0.004	0.001	0.003		34.8
811.00	0.004	0.001	0.003		34.6
812.00	0.004	0.001	0.003		34.4
813.00	0.004	0.001	0.003		34.3
814.00	0.004	0.001	0.003		34.1
815.00	0.004	0.001	0.003		34.0
816.00	0.004	0.001	0.003		33.9
817.00	0.004	0.001	0.003		33.8
818.00	0.004	0.001	0.003		33.7
819.00	0.004	0.001	0.003		33.6
820.00	0.004	0.001	0.003		33.5

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:01:32

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
821.00	0.004	0.001	0.003		33.5
822.00	0.004	0.001	0.003		33.4
823.00	0.004	0.001	0.003		33.4
824.00	0.004	0.001	0.003		33.3
825.00	0.004	0.001	0.003		33.3
826.00	0.004	0.001	0.003		33.3
827.00	0.004	0.001	0.003		33.2
828.00	0.004	0.001	0.003		33.2
829.00	0.004	0.001	0.003		33.2
830.00	0.004	0.001	0.003		33.2
831.00	0.004	0.001	0.003		33.2
832.00	0.004	0.001	0.003		33.1
833.00	0.004	0.001	0.003		33.1
834.00	0.004	0.001	0.003		33.1
835.00	0.004	0.001	0.003		33.1
836.00	0.004	0.001	0.003		33.1
837.00	0.004	0.001	0.003		33.1
838.00	0.004	0.001	0.003		33.1
839.00	0.004	0.001	0.003		33.1
840.00	0.004	0.001	0.003		33.1
841.00					32.7
842.00					32.2
843.00					31.3
844.00					29.9
845.00					28.0
846.00					25.8
847.00					23.3
848.00					19.8
849.00					17.2
850.00					15.2
851.00					13.5
852.00					11.9
853.00					10.5
854.00					9.2
855.00					8.1
856.00					7.1
857.00					6.2
858.00					5.4
859.00					4.7
860.00					4.2
861.00					3.6

NEVADA TEST SITE PMF STUDY
MEN AND MATERIALS SHAFT
GENERAL STORM PMF AT ONE MIN. UNIT DURATION
KLB 02-18-1986 10:01:32

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
862.00					3.2
863.00					2.8
864.00					2.5
865.00					2.1
866.00					1.9
867.00					1.6
868.00					1.4
869.00					1.2
870.00					1.0
871.00					0.9
872.00					0.7
873.00					0.6
874.00					0.5
875.00					0.4
876.00					0.3
877.00					0.2
878.00					0.2
879.00					0.1
880.00					0.1
881.00					0.1
882.00					0.1
883.00					0.0
884.00					0.0

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

BASIN DATA

Basin Area= .36 square miles
Lag Time= .19 hours

LOSS DATA

Initial Loss= 0 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 28 hrs
Unit Duration= 2 min

VOLUME

Volume of Dgraph= 2402
Volume of Ugraph= 1.0009 in
Total Rainfall= 10.37698 in
Total Rainfall Excess= 8.697 in

Volume of Fgraph= 62623 cfs- 3.333334E-02 hr
or 172 ac-ft
or 8.983 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.00	0.004	0.002	0.002	157	0
4.00	0.004	0.002	0.002	325	1
6.00	0.004	0.002	0.002	593	3
8.00	0.004	0.002	0.002	753	4
10.00	0.004	0.002	0.002	1153	7
12.00	0.004	0.002	0.002	738	9
14.00	0.004	0.002	0.002	561	10
16.00	0.004	0.002	0.002	491	11
18.00	0.004	0.002	0.002	413	12
20.00	0.004	0.002	0.002	338	13
22.00	0.004	0.002	0.002	276	14
24.00	0.004	0.002	0.002	224	14
26.00	0.004	0.002	0.002	180	14
28.00	0.004	0.002	0.002	145	15
30.00	0.004	0.002	0.002	118	15
32.00	0.004	0.002	0.002	98	15
34.00	0.004	0.002	0.002	84	16
36.00	0.004	0.002	0.002	71	16
38.00	0.004	0.002	0.002	59	16
40.00	0.004	0.002	0.002	49	16
42.00	0.004	0.002	0.002	39	16
44.00	0.004	0.002	0.002	31	16
46.00	0.004	0.002	0.002	24	16
48.00	0.004	0.002	0.002	18	16
50.00	0.004	0.002	0.002	13	16
52.00	0.004	0.002	0.002	10	16
54.00	0.004	0.002	0.002	7	16
56.00	0.005	0.002	0.003	6	16
58.00	0.005	0.002	0.003		17
60.00	0.005	0.002	0.003		17
62.00	0.005	0.002	0.003		18
64.00	0.005	0.002	0.003		19
66.00	0.005	0.002	0.003		20
68.00	0.005	0.002	0.003		21
70.00	0.005	0.002	0.003		21
72.00	0.005	0.002	0.003		21
74.00	0.005	0.002	0.003		22
76.00	0.005	0.002	0.003		22
78.00	0.005	0.002	0.003		22
80.00	0.005	0.002	0.003		22
82.00	0.005	0.002	0.003		23

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
84.00	0.005	0.002	0.003		23
86.00	0.005	0.002	0.003		23
88.00	0.005	0.002	0.003		23
90.00	0.005	0.002	0.003		23
92.00	0.005	0.002	0.003		23
94.00	0.005	0.002	0.003		23
96.00	0.005	0.002	0.003		23
98.00	0.005	0.002	0.003		23
100.00	0.005	0.002	0.003		23
102.00	0.005	0.002	0.003		23
104.00	0.005	0.002	0.003		23
106.00	0.005	0.002	0.003		23
108.00	0.005	0.002	0.003		23
110.00	0.005	0.002	0.003		23
112.00	0.005	0.002	0.003		23
114.00	0.005	0.002	0.003		23
116.00	0.005	0.002	0.003		23
118.00	0.005	0.002	0.003		23
120.00	0.005	0.002	0.003		23
122.00	0.005	0.002	0.003		23
124.00	0.005	0.002	0.003		23
126.00	0.005	0.002	0.003		23
128.00	0.005	0.002	0.003		23
130.00	0.005	0.002	0.003		23
132.00	0.005	0.002	0.003		23
134.00	0.005	0.002	0.003		23
136.00	0.005	0.002	0.003		23
138.00	0.005	0.002	0.003		23
140.00	0.005	0.002	0.003		23
142.00	0.005	0.002	0.003		23
144.00	0.005	0.002	0.003		23
146.00	0.005	0.002	0.003		23
148.00	0.005	0.002	0.003		23
150.00	0.005	0.002	0.003		23
152.00	0.005	0.002	0.003		23
154.00	0.005	0.002	0.003		23
156.00	0.005	0.002	0.003		23
158.00	0.005	0.002	0.003		23
160.00	0.005	0.002	0.003		23
162.00	0.005	0.002	0.003		23
164.00	0.005	0.002	0.003		23

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
166.00	0.005	0.002	0.003		23
168.00	0.005	0.002	0.003		23
170.00	0.005	0.002	0.003		23
172.00	0.005	0.002	0.003		23
174.00	0.005	0.002	0.003		23
176.00	0.005	0.002	0.003		23
178.00	0.005	0.002	0.003		23
180.00	0.005	0.002	0.003		23
182.00	0.005	0.002	0.003		23
184.00	0.005	0.002	0.003		23
186.00	0.005	0.002	0.003		23
188.00	0.005	0.002	0.003		23
190.00	0.005	0.002	0.003		23
192.00	0.005	0.002	0.003		23
194.00	0.005	0.002	0.003		23
196.00	0.005	0.002	0.003		23
198.00	0.005	0.002	0.003		23
200.00	0.005	0.002	0.003		23
202.00	0.005	0.002	0.003		23
204.00	0.005	0.002	0.003		23
206.00	0.005	0.002	0.003		23
208.00	0.005	0.002	0.003		23
210.00	0.005	0.002	0.003		23
212.00	0.005	0.002	0.003		23
214.00	0.005	0.002	0.003		23
216.00	0.005	0.002	0.003		23
218.00	0.005	0.002	0.003		23
220.00	0.005	0.002	0.003		23
222.00	0.005	0.002	0.003		23
224.00	0.005	0.002	0.003		23
226.00	0.005	0.002	0.003		23
228.00	0.005	0.002	0.003		23
230.00	0.005	0.002	0.003		23
232.00	0.005	0.002	0.003		23
234.00	0.005	0.002	0.003		23
236.00	0.005	0.002	0.003		23
238.00	0.005	0.002	0.003		23
240.00	0.005	0.002	0.003		23
242.00	0.005	0.002	0.003		23
244.00	0.005	0.002	0.003		23
246.00	0.005	0.002	0.003		23

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
248.00	0.005	0.002	0.003		23
250.00	0.005	0.002	0.003		23
252.00	0.005	0.002	0.003		23
254.00	0.005	0.002	0.003		23
256.00	0.005	0.002	0.003		23
258.00	0.005	0.002	0.003		23
260.00	0.005	0.002	0.003		23
262.00	0.005	0.002	0.003		23
264.00	0.005	0.002	0.003		23
266.00	0.005	0.002	0.003		23
268.00	0.005	0.002	0.003		23
270.00	0.005	0.002	0.003		23
272.00	0.005	0.002	0.003		23
274.00	0.005	0.002	0.003		23
276.00	0.005	0.002	0.003		23
278.00	0.005	0.002	0.003		23
280.00	0.005	0.002	0.003		23
282.00	0.005	0.002	0.003		23
284.00	0.005	0.002	0.003		23
286.00	0.005	0.002	0.003		23
288.00	0.005	0.002	0.003		23
290.00	0.005	0.002	0.003		23
292.00	0.005	0.002	0.003		23
294.00	0.005	0.002	0.003		23
296.00	0.005	0.002	0.003		23
298.00	0.005	0.002	0.003		23
300.00	0.005	0.002	0.003		23
302.00	0.005	0.002	0.003		23
304.00	0.005	0.002	0.003		23
306.00	0.005	0.002	0.003		23
308.00	0.005	0.002	0.003		23
310.00	0.005	0.002	0.003		23
312.00	0.005	0.002	0.003		23
314.00	0.005	0.002	0.003		23
316.00	0.005	0.002	0.003		23
318.00	0.005	0.002	0.003		23
320.00	0.005	0.002	0.003		23
322.00	0.005	0.002	0.003		23
324.00	0.005	0.002	0.003		23
326.00	0.005	0.002	0.003		23
328.00	0.005	0.002	0.003		23

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
330.00	0.005	0.002	0.003		23
332.00	0.005	0.002	0.003		23
334.00	0.005	0.002	0.003		23
336.00	0.005	0.002	0.003		23
338.00	0.006	0.002	0.004		23
340.00	0.006	0.002	0.004		24
342.00	0.006	0.002	0.004		24
344.00	0.006	0.002	0.004		25
346.00	0.006	0.002	0.004		26
348.00	0.006	0.002	0.004		27
350.00	0.006	0.002	0.004		28
352.00	0.006	0.002	0.004		28
354.00	0.006	0.002	0.004		28
356.00	0.006	0.002	0.004		29
358.00	0.006	0.002	0.004		29
360.00	0.006	0.002	0.004		29
362.00	0.006	0.002	0.004		29
364.00	0.006	0.002	0.004		30
366.00	0.006	0.002	0.004		30
368.00	0.006	0.002	0.004		30
370.00	0.006	0.002	0.004		30
372.00	0.006	0.002	0.004		30
374.00	0.006	0.002	0.004		30
376.00	0.006	0.002	0.004		30
378.00	0.006	0.002	0.004		30
380.00	0.006	0.002	0.004		30
382.00	0.006	0.002	0.004		30
384.00	0.006	0.002	0.004		30
386.00	0.006	0.002	0.004		30
388.00	0.006	0.002	0.004		30
390.00	0.006	0.002	0.004		30
392.00	0.006	0.002	0.004		30
394.00	0.006	0.002	0.004		30
396.00	0.006	0.002	0.004		30
398.00	0.006	0.002	0.004		30
400.00	0.006	0.002	0.004		30
402.00	0.006	0.002	0.004		30
404.00	0.006	0.002	0.004		30
406.00	0.006	0.002	0.004		30
408.00	0.006	0.002	0.004		30
410.00	0.006	0.002	0.004		30

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
412.00	0.006	0.002	0.004		30
414.00	0.006	0.002	0.004		30
416.00	0.006	0.002	0.004		30
418.00	0.006	0.002	0.004		30
420.00	0.006	0.002	0.004		30
422.00	0.006	0.002	0.004		30
424.00	0.006	0.002	0.004		30
426.00	0.006	0.002	0.004		30
428.00	0.006	0.002	0.004		30
430.00	0.006	0.002	0.004		30
432.00	0.006	0.002	0.004		30
434.00	0.006	0.002	0.004		30
436.00	0.006	0.002	0.004		30
438.00	0.006	0.002	0.004		30
440.00	0.006	0.002	0.004		30
442.00	0.006	0.002	0.004		30
444.00	0.006	0.002	0.004		30
446.00	0.006	0.002	0.004		30
448.00	0.006	0.002	0.004		30
450.00	0.006	0.002	0.004		30
452.00	0.006	0.002	0.004		30
454.00	0.006	0.002	0.004		30
456.00	0.006	0.002	0.004		30
458.00	0.006	0.002	0.004		30
460.00	0.006	0.002	0.004		30
462.00	0.006	0.002	0.004		30
464.00	0.006	0.002	0.004		30
466.00	0.006	0.002	0.004		30
468.00	0.006	0.002	0.004		30
470.00	0.006	0.002	0.004		30
472.00	0.006	0.002	0.004		30
474.00	0.006	0.002	0.004		30
476.00	0.006	0.002	0.004		30
478.00	0.006	0.002	0.004		30
480.00	0.006	0.002	0.004		30
482.00	0.006	0.002	0.004		30
484.00	0.006	0.002	0.004		30
486.00	0.006	0.002	0.004		30
488.00	0.006	0.002	0.004		30
490.00	0.006	0.002	0.004		30
492.00	0.006	0.002	0.004		30

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
494.00	0.006	0.002	0.004		30
496.00	0.007	0.002	0.005		30
498.00	0.007	0.002	0.005		31
500.00	0.007	0.002	0.005		31
502.00	0.007	0.002	0.005		32
504.00	0.007	0.002	0.005		33
506.00	0.007	0.002	0.005		34
508.00	0.007	0.002	0.005		35
510.00	0.007	0.002	0.005		35
512.00	0.007	0.002	0.005		35
514.00	0.007	0.002	0.005		36
516.00	0.007	0.002	0.005		36
518.00	0.007	0.002	0.005		36
520.00	0.007	0.002	0.005		36
522.00	0.007	0.002	0.005		37
524.00	0.007	0.002	0.005		37
526.00	0.007	0.002	0.005		37
528.00	0.007	0.002	0.005		37
530.00	0.007	0.002	0.005		37
532.00	0.007	0.002	0.005		37
534.00	0.007	0.002	0.005		37
536.00	0.007	0.002	0.005		37
538.00	0.007	0.002	0.005		37
540.00	0.007	0.002	0.005		37
542.00	0.007	0.002	0.005		37
544.00	0.007	0.002	0.005		37
546.00	0.007	0.002	0.005		37
548.00	0.007	0.002	0.005		37
550.00	0.007	0.002	0.005		37
552.00	0.007	0.002	0.005		37
554.00	0.007	0.002	0.005		37
556.00	0.007	0.002	0.005		37
558.00	0.007	0.002	0.005		37
560.00	0.007	0.002	0.005		37
562.00	0.007	0.002	0.005		37
564.00	0.007	0.002	0.005		37
566.00	0.007	0.002	0.005		37
568.00	0.007	0.002	0.005		37
570.00	0.007	0.002	0.005		37
572.00	0.008	0.002	0.006		37
574.00	0.008	0.002	0.006		38

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
576.00	0.008	0.002	0.006		38
578.00	0.008	0.002	0.006		39
580.00	0.008	0.002	0.006		40
582.00	0.008	0.002	0.006		41
584.00	0.008	0.002	0.006		41
586.00	0.008	0.002	0.006		42
588.00	0.008	0.002	0.006		42
590.00	0.008	0.002	0.006		43
592.00	0.008	0.002	0.006		43
594.00	0.008	0.002	0.006		43
596.00	0.008	0.002	0.006		43
598.00	0.008	0.002	0.006		44
600.00	0.008	0.002	0.006		44
602.00	0.008	0.002	0.006		44
604.00	0.008	0.002	0.006		44
606.00	0.008	0.002	0.006		44
608.00	0.008	0.002	0.006		44
610.00	0.008	0.002	0.006		44
612.00	0.008	0.002	0.006		44
614.00	0.008	0.002	0.006		44
616.00	0.008	0.002	0.006		44
618.00	0.008	0.002	0.006		44
620.00	0.008	0.002	0.006		44
622.00	0.008	0.002	0.006		44
624.00	0.008	0.002	0.006		44
626.00	0.008	0.002	0.006		44
628.00	0.009	0.002	0.007		44
630.00	0.009	0.002	0.007		45
632.00	0.009	0.002	0.007		45
634.00	0.009	0.002	0.007		46
636.00	0.009	0.002	0.007		47
638.00	0.009	0.002	0.007		48
640.00	0.009	0.002	0.007		48
642.00	0.009	0.002	0.007		49
644.00	0.009	0.002	0.007		49
646.00	0.009	0.002	0.007		50
648.00	0.009	0.002	0.007		50
650.00	0.009	0.002	0.007		50
652.00	0.009	0.002	0.007		50
654.00	0.009	0.002	0.007		51
656.00	0.009	0.002	0.007		51

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
658.00	0.009	0.002	0.007		51
660.00	0.009	0.002	0.007		51
662.00	0.009	0.002	0.007		51
664.00	0.009	0.002	0.007		51
666.00	0.009	0.002	0.007		51
668.00	0.009	0.002	0.007		51
670.00	0.009	0.002	0.007		51
672.00	0.009	0.002	0.007		51
674.00	0.009	0.002	0.007		51
676.00	0.009	0.002	0.007		51
678.00	0.009	0.002	0.007		51
680.00	0.010	0.002	0.008		51
682.00	0.010	0.002	0.008		52
684.00	0.010	0.002	0.008		52
686.00	0.010	0.002	0.008		53
688.00	0.010	0.002	0.008		54
690.00	0.010	0.002	0.008		55
692.00	0.010	0.002	0.008		55
694.00	0.010	0.002	0.008		56
696.00	0.010	0.002	0.008		56
698.00	0.010	0.002	0.008		57
700.00	0.010	0.002	0.008		57
702.00	0.010	0.002	0.008		57
704.00	0.010	0.002	0.008		57
706.00	0.010	0.002	0.008		58
708.00	0.010	0.002	0.008		58
710.00	0.010	0.002	0.008		58
712.00	0.010	0.002	0.008		58
714.00	0.010	0.002	0.008		58
716.00	0.010	0.002	0.008		58
718.00	0.010	0.002	0.008		58
720.00	0.010	0.002	0.008		58
722.00	0.010	0.002	0.008		58
724.00	0.010	0.002	0.008		58
726.00	0.010	0.002	0.008		58
728.00	0.010	0.002	0.008		58
730.00	0.010	0.002	0.008		58
732.00	0.010	0.002	0.008		58
734.00	0.010	0.002	0.008		58
736.00	0.011	0.002	0.009		58
738.00	0.011	0.002	0.009		59

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
740.00	0.011	0.002	0.009		59
742.00	0.011	0.002	0.009		60
744.00	0.011	0.002	0.009		61
746.00	0.011	0.002	0.009		62
748.00	0.011	0.002	0.009		62
750.00	0.011	0.002	0.009		63
752.00	0.011	0.002	0.009		63
754.00	0.011	0.002	0.009		64
756.00	0.011	0.002	0.009		64
758.00	0.011	0.002	0.009		64
760.00	0.011	0.002	0.009		64
762.00	0.011	0.002	0.009		64
764.00	0.011	0.002	0.009		65
766.00	0.011	0.002	0.009		65
768.00	0.011	0.002	0.009		65
770.00	0.011	0.002	0.009		65
772.00	0.011	0.002	0.009		65
774.00	0.011	0.002	0.009		65
776.00	0.011	0.002	0.009		65
778.00	0.011	0.002	0.009		65
780.00	0.011	0.002	0.009		65
782.00	0.011	0.002	0.009		65
784.00	0.011	0.002	0.009		65
786.00	0.011	0.002	0.009		65
788.00	0.011	0.002	0.009		65
790.00	0.011	0.002	0.009		65
792.00	0.011	0.002	0.009		65
794.00	0.011	0.002	0.009		65
796.00	0.011	0.002	0.009		65
798.00	0.012	0.002	0.010		65
800.00	0.012	0.002	0.010		66
802.00	0.012	0.002	0.010		66
804.00	0.012	0.002	0.010		67
806.00	0.012	0.002	0.010		68
808.00	0.012	0.002	0.010		69
810.00	0.012	0.002	0.010		69
812.00	0.012	0.002	0.010		70
814.00	0.012	0.002	0.010		70
816.00	0.012	0.002	0.010		71
818.00	0.012	0.002	0.010		71
820.00	0.012	0.002	0.010		71

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
822.00	0.012	0.002	0.010		71
824.00	0.012	0.002	0.010		71
826.00	0.012	0.002	0.010		72
828.00	0.012	0.002	0.010		72
830.00	0.012	0.002	0.010		72
832.00	0.012	0.002	0.010		72
834.00	0.012	0.002	0.010		72
836.00	0.012	0.002	0.010		72
838.00	0.012	0.002	0.010		72
840.00	0.012	0.002	0.010		72
842.00	0.012	0.002	0.010		72
844.00	0.012	0.002	0.010		72
846.00	0.012	0.002	0.010		72
848.00	0.012	0.002	0.010		72
850.00	0.012	0.002	0.010		72
852.00	0.012	0.002	0.010		72
854.00	0.012	0.002	0.010		72
856.00	0.012	0.002	0.010		72
858.00	0.012	0.002	0.010		72
860.00	0.012	0.002	0.010		72
862.00	0.012	0.002	0.010		72
864.00	0.012	0.002	0.010		72
866.00	0.012	0.002	0.010		72
868.00	0.013	0.002	0.011		72
870.00	0.013	0.002	0.011		73
872.00	0.013	0.002	0.011		73
874.00	0.013	0.002	0.011		74
876.00	0.013	0.002	0.011		75
878.00	0.013	0.002	0.011		76
880.00	0.013	0.002	0.011		76
882.00	0.013	0.002	0.011		77
884.00	0.013	0.002	0.011		77
886.00	0.013	0.002	0.011		78
888.00	0.013	0.002	0.011		78
890.00	0.013	0.002	0.011		78
892.00	0.013	0.002	0.011		78
894.00	0.013	0.002	0.011		78
896.00	0.013	0.002	0.011		79
898.00	0.013	0.002	0.011		79
900.00	0.013	0.002	0.011		79
902.00	0.013	0.002	0.011		79

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
904.00	0.013	0.002	0.011		79
906.00	0.013	0.002	0.011		79
908.00	0.013	0.002	0.011		79
910.00	0.013	0.002	0.011		79
912.00	0.013	0.002	0.011		79
914.00	0.013	0.002	0.011		79
916.00	0.013	0.002	0.011		79
918.00	0.013	0.002	0.011		79
920.00	0.013	0.002	0.011		79
922.00	0.013	0.002	0.011		79
924.00	0.014	0.002	0.012		79
926.00	0.014	0.002	0.012		80
928.00	0.014	0.002	0.012		80
930.00	0.014	0.002	0.012		81
932.00	0.014	0.002	0.012		82
934.00	0.014	0.002	0.012		83
936.00	0.014	0.002	0.012		83
938.00	0.014	0.002	0.012		84
940.00	0.014	0.002	0.012		84
942.00	0.014	0.002	0.012		85
944.00	0.014	0.002	0.012		85
946.00	0.014	0.002	0.012		85
948.00	0.014	0.002	0.012		85
950.00	0.014	0.002	0.012		85
952.00	0.014	0.002	0.012		86
954.00	0.014	0.002	0.012		86
956.00	0.015	0.002	0.013		86
958.00	0.015	0.002	0.013		86
960.00	0.015	0.002	0.013		87
962.00	0.015	0.002	0.013		88
964.00	0.015	0.002	0.013		89
966.00	0.015	0.002	0.013		90
968.00	0.015	0.002	0.013		90
970.00	0.015	0.002	0.013		91
972.00	0.016	0.002	0.014		91
974.00	0.016	0.002	0.014		92
976.00	0.016	0.002	0.014		93
978.00	0.016	0.002	0.014		94
980.00	0.017	0.002	0.015		95
982.00	0.017	0.002	0.015		97
984.00	0.017	0.002	0.015		98

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
986.00	0.017	0.002	0.015		99
988.00	0.018	0.002	0.016		101
990.00	0.018	0.002	0.016		102
992.00	0.019	0.002	0.017		104
994.00	0.019	0.002	0.017		106
996.00	0.020	0.002	0.018		109
998.00	0.020	0.002	0.018		111
1000.00	0.021	0.002	0.019		114
1002.00	0.021	0.002	0.019		116
1004.00	0.022	0.002	0.020		120
1006.00	0.022	0.002	0.020		122
1008.00	0.023	0.002	0.021		126
1010.00	0.023	0.002	0.021		129
1012.00	0.024	0.002	0.022		132
1014.00	0.024	0.002	0.022		135
1016.00	0.025	0.002	0.023		139
1018.00	0.026	0.002	0.024		142
1020.00	0.027	0.002	0.025		146
1022.00	0.027	0.002	0.025		150
1024.00	0.028	0.002	0.026		154
1026.00	0.029	0.002	0.027		159
1028.00	0.030	0.002	0.028		164
1030.00	0.030	0.002	0.028		168
1032.00	0.031	0.002	0.029		173
1034.00	0.032	0.002	0.030		178
1036.00	0.033	0.002	0.031		183
1038.00	0.034	0.002	0.032		188
1040.00	0.035	0.002	0.033		193
1042.00	0.036	0.002	0.034		199
1044.00	0.037	0.002	0.035		205
1046.00	0.038	0.002	0.036		211
1048.00	0.039	0.002	0.037		218
1050.00	0.040	0.002	0.038		224
1052.00	0.041	0.002	0.039		231
1054.00	0.042	0.002	0.040		237
1056.00	0.043	0.002	0.041		244
1058.00	0.044	0.002	0.042		251
1060.00	0.046	0.002	0.044		258
1062.00	0.046	0.002	0.044		265
1064.00	0.048	0.002	0.046		272
1066.00	0.049	0.002	0.047		279

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1068.00	0.050	0.002	0.048		287
1070.00	0.051	0.002	0.049		294
1072.00	0.053	0.002	0.051		302
1074.00	0.054	0.002	0.052		310
1076.00	0.055	0.002	0.053		318
1078.00	0.056	0.002	0.054		327
1080.00	0.058	0.002	0.056		335
1082.00	0.059	0.002	0.057		344
1084.00	0.061	0.002	0.059		352
1086.00	0.062	0.002	0.060		361
1088.00	0.064	0.002	0.062		370
1090.00	0.065	0.002	0.063		379
1092.00	0.067	0.002	0.065		389
1094.00	0.068	0.002	0.066		399
1096.00	0.070	0.002	0.068		409
1098.00	0.071	0.002	0.069		419
1100.00	0.073	0.002	0.071		429
1102.00	0.074	0.002	0.072		439
1104.00	0.076	0.002	0.074		450
1106.00	0.077	0.002	0.075		460
1108.00	0.079	0.002	0.077		470
1110.00	0.081	0.002	0.079		480
1112.00	0.083	0.002	0.081		491
1114.00	0.084	0.002	0.082		502
1116.00	0.086	0.002	0.084		513
1118.00	0.088	0.002	0.086		525
1120.00	0.089	0.002	0.087		537
1122.00	0.085	0.002	0.083		547
1124.00	0.082	0.002	0.080		556
1126.00	0.078	0.002	0.076		561
1128.00	0.075	0.002	0.073		563
1130.00	0.072	0.002	0.070		558
1132.00	0.069	0.002	0.067		551
1134.00	0.066	0.002	0.064		541
1136.00	0.063	0.002	0.061		529
1138.00	0.060	0.002	0.058		515
1140.00	0.057	0.002	0.055		500
1142.00	0.055	0.002	0.053		484
1144.00	0.052	0.002	0.050		467
1146.00	0.050	0.002	0.048		450
1148.00	0.047	0.002	0.045		433

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1150.00	0.045	0.002	0.043		416
1152.00	0.043	0.002	0.041		398
1154.00	0.040	0.002	0.038		381
1156.00	0.038	0.002	0.036		364
1158.00	0.036	0.002	0.034		347
1160.00	0.034	0.002	0.032		331
1162.00	0.033	0.002	0.031		314
1164.00	0.031	0.002	0.029		298
1166.00	0.029	0.002	0.027		283
1168.00	0.028	0.002	0.026		269
1170.00	0.026	0.002	0.024		255
1172.00	0.025	0.002	0.023		242
1174.00	0.024	0.002	0.022		229
1176.00	0.022	0.002	0.020		217
1178.00	0.021	0.002	0.019		205
1180.00	0.020	0.002	0.018		194
1182.00	0.019	0.002	0.017		183
1184.00	0.018	0.002	0.016		173
1186.00	0.018	0.002	0.016		163
1188.00	0.017	0.002	0.015		154
1190.00	0.016	0.002	0.014		146
1192.00	0.016	0.002	0.014		139
1194.00	0.015	0.002	0.013		132
1196.00	0.015	0.002	0.013		126
1198.00	0.015	0.002	0.013		120
1200.00	0.015	0.002	0.013		115
1202.00	0.014	0.002	0.012		110
1204.00	0.014	0.002	0.012		107
1206.00	0.014	0.002	0.012		103
1208.00	0.014	0.002	0.012		100
1210.00	0.014	0.002	0.012		97
1212.00	0.014	0.002	0.012		95
1214.00	0.014	0.002	0.012		93
1216.00	0.014	0.002	0.012		92
1218.00	0.014	0.002	0.012		91
1220.00	0.013	0.002	0.011		89
1222.00	0.013	0.002	0.011		88
1224.00	0.013	0.002	0.011		87
1226.00	0.013	0.002	0.011		86
1228.00	0.013	0.002	0.011		84
1230.00	0.013	0.002	0.011		83

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1232.00	0.013	0.002	0.011		82
1234.00	0.013	0.002	0.011		82
1236.00	0.013	0.002	0.011		81
1238.00	0.013	0.002	0.011		81
1240.00	0.013	0.002	0.011		80
1242.00	0.013	0.002	0.011		80
1244.00	0.013	0.002	0.011		80
1246.00	0.013	0.002	0.011		80
1248.00	0.012	0.002	0.010		79
1250.00	0.012	0.002	0.010		79
1252.00	0.012	0.002	0.010		78
1254.00	0.012	0.002	0.010		77
1256.00	0.012	0.002	0.010		76
1258.00	0.012	0.002	0.010		75
1260.00	0.012	0.002	0.010		75
1262.00	0.012	0.002	0.010		74
1264.00	0.012	0.002	0.010		74
1266.00	0.012	0.002	0.010		74
1268.00	0.012	0.002	0.010		73
1270.00	0.012	0.002	0.010		73
1272.00	0.012	0.002	0.010		73
1274.00	0.012	0.002	0.010		73
1276.00	0.012	0.002	0.010		73
1278.00	0.012	0.002	0.010		72
1280.00	0.012	0.002	0.010		72
1282.00	0.011	0.002	0.009		72
1284.00	0.011	0.002	0.009		72
1286.00	0.011	0.002	0.009		71
1288.00	0.011	0.002	0.009		70
1290.00	0.011	0.002	0.009		69
1292.00	0.011	0.002	0.009		68
1294.00	0.011	0.002	0.009		68
1296.00	0.011	0.002	0.009		67
1298.00	0.011	0.002	0.009		67
1300.00	0.011	0.002	0.009		67
1302.00	0.011	0.002	0.009		66
1304.00	0.011	0.002	0.009		66
1306.00	0.011	0.002	0.009		66
1308.00	0.011	0.002	0.009		66
1310.00	0.011	0.002	0.009		66
1312.00	0.010	0.002	0.008		65

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1314.00	0.010	0.002	0.008		65
1316.00	0.010	0.002	0.008		64
1318.00	0.010	0.002	0.008		63
1320.00	0.010	0.002	0.008		62
1322.00	0.010	0.002	0.008		61
1324.00	0.010	0.002	0.008		61
1326.00	0.010	0.002	0.008		60
1328.00	0.010	0.002	0.008		60
1330.00	0.010	0.002	0.008		60
1332.00	0.010	0.002	0.008		59
1334.00	0.010	0.002	0.008		59
1336.00	0.010	0.002	0.008		59
1338.00	0.010	0.002	0.008		59
1340.00	0.009	0.002	0.007		58
1342.00	0.009	0.002	0.007		58
1344.00	0.009	0.002	0.007		57
1346.00	0.009	0.002	0.007		57
1348.00	0.009	0.002	0.007		55
1350.00	0.009	0.002	0.007		55
1352.00	0.009	0.002	0.007		54
1354.00	0.009	0.002	0.007		53
1356.00	0.009	0.002	0.007		53
1358.00	0.009	0.002	0.007		53
1360.00	0.009	0.002	0.007		52
1362.00	0.009	0.002	0.007		52
1364.00	0.009	0.002	0.007		52
1366.00	0.008	0.002	0.006		52
1368.00	0.008	0.002	0.006		51
1370.00	0.008	0.002	0.006		50
1372.00	0.008	0.002	0.006		50
1374.00	0.008	0.002	0.006		48
1376.00	0.008	0.002	0.006		48
1378.00	0.008	0.002	0.006		47
1380.00	0.008	0.002	0.006		46
1382.00	0.008	0.002	0.006		46
1384.00	0.008	0.002	0.006		46
1386.00	0.008	0.002	0.006		45
1388.00	0.008	0.002	0.006		45
1390.00	0.008	0.002	0.006		45
1392.00	0.008	0.002	0.006		45
1394.00	0.008	0.002	0.006		45

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1396.00	0.007	0.002	0.005		44
1398.00	0.007	0.002	0.005		44
1400.00	0.007	0.002	0.005		43
1402.00	0.007	0.002	0.005		43
1404.00	0.007	0.002	0.005		41
1406.00	0.007	0.002	0.005		41
1408.00	0.007	0.002	0.005		40
1410.00	0.007	0.002	0.005		39
1412.00	0.007	0.002	0.005		39
1414.00	0.007	0.002	0.005		39
1416.00	0.007	0.002	0.005		38
1418.00	0.007	0.002	0.005		38
1420.00	0.007	0.002	0.005		38
1422.00	0.007	0.002	0.005		38
1424.00	0.007	0.002	0.005		38
1426.00	0.007	0.002	0.005		38
1428.00	0.007	0.002	0.005		38
1430.00	0.007	0.002	0.005		37
1432.00	0.007	0.002	0.005		37
1434.00	0.006	0.002	0.004		37
1436.00	0.006	0.002	0.004		37
1438.00	0.006	0.002	0.004		36
1440.00	0.006	0.002	0.004		35
1442.00	0.006	0.002	0.004		34
1444.00	0.006	0.002	0.004		34
1446.00	0.006	0.002	0.004		33
1448.00	0.006	0.002	0.004		32
1450.00	0.006	0.002	0.004		32
1452.00	0.006	0.002	0.004		32
1454.00	0.006	0.002	0.004		31
1456.00	0.006	0.002	0.004		31
1458.00	0.006	0.002	0.004		31
1460.00	0.006	0.002	0.004		31
1462.00	0.006	0.002	0.004		31
1464.00	0.006	0.002	0.004		31
1466.00	0.006	0.002	0.004		31
1468.00	0.006	0.002	0.004		30
1470.00	0.006	0.002	0.004		30
1472.00	0.006	0.002	0.004		30
1474.00	0.006	0.002	0.004		30
1476.00	0.006	0.002	0.004		30

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1478.00	0.006	0.002	0.004		30
1480.00	0.006	0.002	0.004		30
1482.00	0.006	0.002	0.004		30
1484.00	0.006	0.002	0.004		30
1486.00	0.006	0.002	0.004		30
1488.00	0.006	0.002	0.004		30
1490.00	0.006	0.002	0.004		30
1492.00	0.006	0.002	0.004		30
1494.00	0.006	0.002	0.004		30
1496.00	0.006	0.002	0.004		30
1498.00	0.006	0.002	0.004		30
1500.00	0.006	0.002	0.004		30
1502.00	0.006	0.002	0.004		30
1504.00	0.006	0.002	0.004		30
1506.00	0.006	0.002	0.004		30
1508.00	0.006	0.002	0.004		30
1510.00	0.006	0.002	0.004		30
1512.00	0.005	0.002	0.003		30
1514.00	0.005	0.002	0.003		30
1516.00	0.005	0.002	0.003		29
1518.00	0.005	0.002	0.003		28
1520.00	0.005	0.002	0.003		27
1522.00	0.005	0.002	0.003		27
1524.00	0.005	0.002	0.003		26
1526.00	0.005	0.002	0.003		25
1528.00	0.005	0.002	0.003		25
1530.00	0.005	0.002	0.003		25
1532.00	0.005	0.002	0.003		24
1534.00	0.005	0.002	0.003		24
1536.00	0.005	0.002	0.003		24
1538.00	0.005	0.002	0.003		24
1540.00	0.005	0.002	0.003		24
1542.00	0.005	0.002	0.003		24
1544.00	0.005	0.002	0.003		24
1546.00	0.005	0.002	0.003		24
1548.00	0.005	0.002	0.003		23
1550.00	0.005	0.002	0.003		23
1552.00	0.005	0.002	0.003		23
1554.00	0.005	0.002	0.003		23
1556.00	0.005	0.002	0.003		23
1558.00	0.005	0.002	0.003		23

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1560.00	0.005	0.002	0.003		23
1562.00	0.005	0.002	0.003		23
1564.00	0.005	0.002	0.003		23
1566.00	0.005	0.002	0.003		23
1568.00	0.005	0.002	0.003		23
1570.00	0.005	0.002	0.003		23
1572.00	0.005	0.002	0.003		23
1574.00	0.005	0.002	0.003		23
1576.00	0.005	0.002	0.003		23
1578.00	0.005	0.002	0.003		23
1580.00	0.005	0.002	0.003		23
1582.00	0.005	0.002	0.003		23
1584.00	0.005	0.002	0.003		23
1586.00	0.005	0.002	0.003		23
1588.00	0.005	0.002	0.003		23
1590.00	0.005	0.002	0.003		23
1592.00	0.005	0.002	0.003		23
1594.00	0.005	0.002	0.003		23
1596.00	0.005	0.002	0.003		23
1598.00	0.005	0.002	0.003		23
1600.00	0.005	0.002	0.003		23
1602.00	0.005	0.002	0.003		23
1604.00	0.005	0.002	0.003		23
1606.00	0.005	0.002	0.003		23
1608.00	0.005	0.002	0.003		23
1610.00	0.005	0.002	0.003		23
1612.00	0.005	0.002	0.003		23
1614.00	0.005	0.002	0.003		23
1616.00	0.005	0.002	0.003		23
1618.00	0.005	0.002	0.003		23
1620.00	0.005	0.002	0.003		23
1622.00	0.005	0.002	0.003		23
1624.00	0.005	0.002	0.003		23
1626.00	0.005	0.002	0.003		23
1628.00	0.005	0.002	0.003		23
1630.00	0.005	0.002	0.003		23
1632.00	0.005	0.002	0.003		23
1634.00	0.005	0.002	0.003		23
1636.00	0.005	0.002	0.003		23
1638.00	0.005	0.002	0.003		23
1640.00	0.005	0.002	0.003		23

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1642.00	0.005	0.002	0.003		23
1644.00	0.005	0.002	0.003		23
1646.00	0.005	0.002	0.003		23
1648.00	0.005	0.002	0.003		23
1650.00	0.005	0.002	0.003		23
1652.00	0.004	0.002	0.002		23
1654.00	0.004	0.002	0.002		23
1656.00	0.004	0.002	0.002		22
1658.00	0.004	0.002	0.002		21
1660.00	0.004	0.002	0.002		20
1662.00	0.004	0.002	0.002		20
1664.00	0.004	0.002	0.002		19
1666.00	0.004	0.002	0.002		18
1668.00	0.004	0.002	0.002		18
1670.00	0.004	0.002	0.002		18
1672.00	0.004	0.002	0.002		17
1674.00	0.004	0.002	0.002		17
1676.00	0.004	0.002	0.002		17
1678.00	0.004	0.002	0.002		17
1680.00	0.004	0.002	0.002		17
1682.00					16
1684.00					15
1686.00					14
1688.00					12
1690.00					9
1692.00					8
1694.00					6
1696.00					5
1698.00					4
1700.00					3
1702.00					3
1704.00					2
1706.00					2
1708.00					1
1710.00					1
1712.00					1
1714.00					1
1716.00					1
1718.00					0
1720.00					0
1722.00					0

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE WEST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:26:00

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1724.00					0
1726.00					0
1728.00					0
1730.00					0
1732.00					0
1734.00					0

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:41:19

BASIN DATA

Basin Area= .86 square miles
Lag Time= .37 hours

LOSS DATA

Initial Loss= 0 in
Constant Loss Rate= .05 in/hr

STORM DATA

Storm Duration= 28 hrs
Unit Duration= 2 min

VOLUME

Volume of Dgraph= 2390
Volume of Ugraph= .9958 in
Total Rainfall= 10.37698 in
Total Rainfall Excess= 8.697 in

Volume of Fgraph= 148830 cfs- 3.333333E-02 hr
or 410 ac-ft
or 8.939 ac-in/ac

DIMENSIONLESS GRAPH IS: PHXSMT.DGF

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
2.00	0.004	0.002	0.002	147	0
4.00	0.004	0.002	0.002	210	1
6.00	0.004	0.002	0.002	313	2
8.00	0.004	0.002	0.002	455	3
10.00	0.004	0.002	0.002	636	4
12.00	0.004	0.002	0.002	817	6
14.00	0.004	0.002	0.002	918	8
16.00	0.004	0.002	0.002	999	10
18.00	0.004	0.002	0.002	1369	14
20.00	0.004	0.002	0.002	1362	17
22.00	0.004	0.002	0.002	997	19
24.00	0.004	0.002	0.002	823	21
26.00	0.004	0.002	0.002	723	23
28.00	0.004	0.002	0.002	670	24
30.00	0.004	0.002	0.002	626	26
32.00	0.004	0.002	0.002	575	27
34.00	0.004	0.002	0.002	519	28
36.00	0.004	0.002	0.002	466	29
38.00	0.004	0.002	0.002	419	30
40.00	0.004	0.002	0.002	375	31
42.00	0.004	0.002	0.002	336	32
44.00	0.004	0.002	0.002	301	33
46.00	0.004	0.002	0.002	268	33
48.00	0.004	0.002	0.002	239	34
50.00	0.004	0.002	0.002	213	34
52.00	0.004	0.002	0.002	190	35
54.00	0.004	0.002	0.002	170	35
56.00	0.005	0.002	0.003	152	36
58.00	0.005	0.002	0.003	137	36
60.00	0.005	0.002	0.003	125	37
62.00	0.005	0.002	0.003	114	38
64.00	0.005	0.002	0.003	105	39
66.00	0.005	0.002	0.003	96	40
68.00	0.005	0.002	0.003	88	41
70.00	0.005	0.002	0.003	80	42
72.00	0.005	0.002	0.003	72	43
74.00	0.005	0.002	0.003	65	45
76.00	0.005	0.002	0.003	58	46
78.00	0.005	0.002	0.003	52	47
80.00	0.005	0.002	0.003	46	48
82.00	0.005	0.002	0.003	41	49

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:41:19

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
84.00	0.005	0.002	0.003	36	49
86.00	0.005	0.002	0.003	31	50
88.00	0.005	0.002	0.003	27	51
90.00	0.005	0.002	0.003	23	51
92.00	0.005	0.002	0.003	19	52
94.00	0.005	0.002	0.003	16	52
96.00	0.005	0.002	0.003	14	52
98.00	0.005	0.002	0.003	12	53
100.00	0.005	0.002	0.003	10	53
102.00	0.005	0.002	0.003	9	53
104.00	0.005	0.002	0.003	8	53
106.00	0.005	0.002	0.003	7	54
108.00	0.005	0.002	0.003		54
110.00	0.005	0.002	0.003		54
112.00	0.005	0.002	0.003		54
114.00	0.005	0.002	0.003		54
116.00	0.005	0.002	0.003		54
118.00	0.005	0.002	0.003		54
120.00	0.005	0.002	0.003		55
122.00	0.005	0.002	0.003		55
124.00	0.005	0.002	0.003		55
126.00	0.005	0.002	0.003		55
128.00	0.005	0.002	0.003		55
130.00	0.005	0.002	0.003		55
132.00	0.005	0.002	0.003		55
134.00	0.005	0.002	0.003		55
136.00	0.005	0.002	0.003		55
138.00	0.005	0.002	0.003		55
140.00	0.005	0.002	0.003		55
142.00	0.005	0.002	0.003		55
144.00	0.005	0.002	0.003		55
146.00	0.005	0.002	0.003		55
148.00	0.005	0.002	0.003		55
150.00	0.005	0.002	0.003		55
152.00	0.005	0.002	0.003		55
154.00	0.005	0.002	0.003		55
156.00	0.005	0.002	0.003		55
158.00	0.005	0.002	0.003		55
160.00	0.005	0.002	0.003		55
162.00	0.005	0.002	0.003		55
164.00	0.005	0.002	0.003		55

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:41:19

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
166.00	0.005	0.002	0.003		55
168.00	0.005	0.002	0.003		55
170.00	0.005	0.002	0.003		55
172.00	0.005	0.002	0.003		55
174.00	0.005	0.002	0.003		55
176.00	0.005	0.002	0.003		55
178.00	0.005	0.002	0.003		55
180.00	0.005	0.002	0.003		55
182.00	0.005	0.002	0.003		55
184.00	0.005	0.002	0.003		55
186.00	0.005	0.002	0.003		55
188.00	0.005	0.002	0.003		55
190.00	0.005	0.002	0.003		55
192.00	0.005	0.002	0.003		55
194.00	0.005	0.002	0.003		55
196.00	0.005	0.002	0.003		55
198.00	0.005	0.002	0.003		55
200.00	0.005	0.002	0.003		55
202.00	0.005	0.002	0.003		55
204.00	0.005	0.002	0.003		55
206.00	0.005	0.002	0.003		55
208.00	0.005	0.002	0.003		55
210.00	0.005	0.002	0.003		55
212.00	0.005	0.002	0.003		55
214.00	0.005	0.002	0.003		55
216.00	0.005	0.002	0.003		55
218.00	0.005	0.002	0.003		55
220.00	0.005	0.002	0.003		55
222.00	0.005	0.002	0.003		55
224.00	0.005	0.002	0.003		55
226.00	0.005	0.002	0.003		55
228.00	0.005	0.002	0.003		55
230.00	0.005	0.002	0.003		55
232.00	0.005	0.002	0.003		55
234.00	0.005	0.002	0.003		55
236.00	0.005	0.002	0.003		55
238.00	0.005	0.002	0.003		55
240.00	0.005	0.002	0.003		55
242.00	0.005	0.002	0.003		55
244.00	0.005	0.002	0.003		55
246.00	0.005	0.002	0.003		55

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:41:19

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
248.00	0.005	0.002	0.003		55
250.00	0.005	0.002	0.003		55
252.00	0.005	0.002	0.003		55
254.00	0.005	0.002	0.003		55
256.00	0.005	0.002	0.003		55
258.00	0.005	0.002	0.003		55
260.00	0.005	0.002	0.003		55
262.00	0.005	0.002	0.003		55
264.00	0.005	0.002	0.003		55
266.00	0.005	0.002	0.003		55
268.00	0.005	0.002	0.003		55
270.00	0.005	0.002	0.003		55
272.00	0.005	0.002	0.003		55
274.00	0.005	0.002	0.003		55
276.00	0.005	0.002	0.003		55
278.00	0.005	0.002	0.003		55
280.00	0.005	0.002	0.003		55
282.00	0.005	0.002	0.003		55
284.00	0.005	0.002	0.003		55
286.00	0.005	0.002	0.003		55
288.00	0.005	0.002	0.003		55
290.00	0.005	0.002	0.003		55
292.00	0.005	0.002	0.003		55
294.00	0.005	0.002	0.003		55
296.00	0.005	0.002	0.003		55
298.00	0.005	0.002	0.003		55
300.00	0.005	0.002	0.003		55
302.00	0.005	0.002	0.003		55
304.00	0.005	0.002	0.003		55
306.00	0.005	0.002	0.003		55
308.00	0.005	0.002	0.003		55
310.00	0.005	0.002	0.003		55
312.00	0.005	0.002	0.003		55
314.00	0.005	0.002	0.003		55
316.00	0.005	0.002	0.003		55
318.00	0.005	0.002	0.003		55
320.00	0.005	0.002	0.003		55
322.00	0.005	0.002	0.003		55
324.00	0.005	0.002	0.003		55
326.00	0.005	0.002	0.003		55
328.00	0.005	0.002	0.003		55

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
330.00	0.005	0.002	0.003		55
332.00	0.005	0.002	0.003		55
334.00	0.005	0.002	0.003		55
336.00	0.005	0.002	0.003		55
338.00	0.006	0.002	0.004		55
340.00	0.006	0.002	0.004		56
342.00	0.006	0.002	0.004		56
344.00	0.006	0.002	0.004		56
346.00	0.006	0.002	0.004		57
348.00	0.006	0.002	0.004		58
350.00	0.006	0.002	0.004		59
352.00	0.006	0.002	0.004		60
354.00	0.006	0.002	0.004		61
356.00	0.006	0.002	0.004		62
358.00	0.006	0.002	0.004		63
360.00	0.006	0.002	0.004		64
362.00	0.006	0.002	0.004		65
364.00	0.006	0.002	0.004		66
366.00	0.006	0.002	0.004		66
368.00	0.006	0.002	0.004		67
370.00	0.006	0.002	0.004		67
372.00	0.006	0.002	0.004		68
374.00	0.006	0.002	0.004		68
376.00	0.006	0.002	0.004		69
378.00	0.006	0.002	0.004		69
380.00	0.006	0.002	0.004		69
382.00	0.006	0.002	0.004		70
384.00	0.006	0.002	0.004		70
386.00	0.006	0.002	0.004		70
388.00	0.006	0.002	0.004		70
390.00	0.006	0.002	0.004		70
392.00	0.006	0.002	0.004		71
394.00	0.006	0.002	0.004		71
396.00	0.006	0.002	0.004		71
398.00	0.006	0.002	0.004		71
400.00	0.006	0.002	0.004		71
402.00	0.006	0.002	0.004		71
404.00	0.006	0.002	0.004		71
406.00	0.006	0.002	0.004		71
408.00	0.006	0.002	0.004		71
410.00	0.006	0.002	0.004		71

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
412.00	0.006	0.002	0.004		71
414.00	0.006	0.002	0.004		72
416.00	0.006	0.002	0.004		72
418.00	0.006	0.002	0.004		72
420.00	0.006	0.002	0.004		72
422.00	0.006	0.002	0.004		72
424.00	0.006	0.002	0.004		72
426.00	0.006	0.002	0.004		72
428.00	0.006	0.002	0.004		72
430.00	0.006	0.002	0.004		72
432.00	0.006	0.002	0.004		72
434.00	0.006	0.002	0.004		72
436.00	0.006	0.002	0.004		72
438.00	0.006	0.002	0.004		72
440.00	0.006	0.002	0.004		72
442.00	0.006	0.002	0.004		72
444.00	0.006	0.002	0.004		72
446.00	0.006	0.002	0.004		72
448.00	0.006	0.002	0.004		72
450.00	0.006	0.002	0.004		72
452.00	0.006	0.002	0.004		72
454.00	0.006	0.002	0.004		72
456.00	0.006	0.002	0.004		72
458.00	0.006	0.002	0.004		72
460.00	0.006	0.002	0.004		72
462.00	0.006	0.002	0.004		72
464.00	0.006	0.002	0.004		72
466.00	0.006	0.002	0.004		72
468.00	0.006	0.002	0.004		72
470.00	0.006	0.002	0.004		72
472.00	0.006	0.002	0.004		72
474.00	0.006	0.002	0.004		72
476.00	0.006	0.002	0.004		72
478.00	0.006	0.002	0.004		72
480.00	0.006	0.002	0.004		72
482.00	0.006	0.002	0.004		72
484.00	0.006	0.002	0.004		72
486.00	0.006	0.002	0.004		72
488.00	0.006	0.002	0.004		72
490.00	0.006	0.002	0.004		72
492.00	0.006	0.002	0.004		72

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
494.00	0.006	0.002	0.004		72
496.00	0.007	0.002	0.005		72
498.00	0.007	0.002	0.005		72
500.00	0.007	0.002	0.005		73
502.00	0.007	0.002	0.005		73
504.00	0.007	0.002	0.005		74
506.00	0.007	0.002	0.005		74
508.00	0.007	0.002	0.005		75
510.00	0.007	0.002	0.005		76
512.00	0.007	0.002	0.005		78
514.00	0.007	0.002	0.005		79
516.00	0.007	0.002	0.005		80
518.00	0.007	0.002	0.005		81
520.00	0.007	0.002	0.005		82
522.00	0.007	0.002	0.005		82
524.00	0.007	0.002	0.005		83
526.00	0.007	0.002	0.005		83
528.00	0.007	0.002	0.005		84
530.00	0.007	0.002	0.005		84
532.00	0.007	0.002	0.005		85
534.00	0.007	0.002	0.005		85
536.00	0.007	0.002	0.005		86
538.00	0.007	0.002	0.005		86
540.00	0.007	0.002	0.005		86
542.00	0.007	0.002	0.005		86
544.00	0.007	0.002	0.005		87
546.00	0.007	0.002	0.005		87
548.00	0.007	0.002	0.005		87
550.00	0.007	0.002	0.005		87
552.00	0.007	0.002	0.005		87
554.00	0.007	0.002	0.005		87
556.00	0.007	0.002	0.005		88
558.00	0.007	0.002	0.005		88
560.00	0.007	0.002	0.005		88
562.00	0.007	0.002	0.005		88
564.00	0.007	0.002	0.005		88
566.00	0.007	0.002	0.005		88
568.00	0.007	0.002	0.005		88
570.00	0.007	0.002	0.005		88
572.00	0.008	0.002	0.006		88
574.00	0.008	0.002	0.006		89

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
576.00	0.008	0.002	0.006		89
578.00	0.008	0.002	0.006		89
580.00	0.008	0.002	0.006		90
582.00	0.008	0.002	0.006		91
584.00	0.008	0.002	0.006		92
586.00	0.008	0.002	0.006		93
588.00	0.008	0.002	0.006		94
590.00	0.008	0.002	0.006		96
592.00	0.008	0.002	0.006		97
594.00	0.008	0.002	0.006		97
596.00	0.008	0.002	0.006		98
598.00	0.008	0.002	0.006		99
600.00	0.008	0.002	0.006		99
602.00	0.008	0.002	0.006		100
604.00	0.008	0.002	0.006		101
606.00	0.008	0.002	0.006		101
608.00	0.008	0.002	0.006		101
610.00	0.008	0.002	0.006		102
612.00	0.008	0.002	0.006		102
614.00	0.008	0.002	0.006		102
616.00	0.008	0.002	0.006		103
618.00	0.008	0.002	0.006		103
620.00	0.008	0.002	0.006		103
622.00	0.008	0.002	0.006		103
624.00	0.008	0.002	0.006		104
626.00	0.008	0.002	0.006		104
628.00	0.009	0.002	0.007		104
630.00	0.009	0.002	0.007		104
632.00	0.009	0.002	0.007		105
634.00	0.009	0.002	0.007		105
636.00	0.009	0.002	0.007		106
638.00	0.009	0.002	0.007		107
640.00	0.009	0.002	0.007		108
642.00	0.009	0.002	0.007		109
644.00	0.009	0.002	0.007		110
646.00	0.009	0.002	0.007		112
648.00	0.009	0.002	0.007		113
650.00	0.009	0.002	0.007		114
652.00	0.009	0.002	0.007		115
654.00	0.009	0.002	0.007		115
656.00	0.009	0.002	0.007		116

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
658.00	0.009	0.002	0.007		117
660.00	0.009	0.002	0.007		117
662.00	0.009	0.002	0.007		118
664.00	0.009	0.002	0.007		118
666.00	0.009	0.002	0.007		118
668.00	0.009	0.002	0.007		119
670.00	0.009	0.002	0.007		119
672.00	0.009	0.002	0.007		119
674.00	0.009	0.002	0.007		120
676.00	0.009	0.002	0.007		120
678.00	0.009	0.002	0.007		120
680.00	0.010	0.002	0.008		120
682.00	0.010	0.002	0.008		121
684.00	0.010	0.002	0.008		121
686.00	0.010	0.002	0.008		122
688.00	0.010	0.002	0.008		122
690.00	0.010	0.002	0.008		123
692.00	0.010	0.002	0.008		124
694.00	0.010	0.002	0.008		125
696.00	0.010	0.002	0.008		127
698.00	0.010	0.002	0.008		128
700.00	0.010	0.002	0.008		129
702.00	0.010	0.002	0.008		130
704.00	0.010	0.002	0.008		131
706.00	0.010	0.002	0.008		132
708.00	0.010	0.002	0.008		132
710.00	0.010	0.002	0.008		133
712.00	0.010	0.002	0.008		134
714.00	0.010	0.002	0.008		134
716.00	0.010	0.002	0.008		135
718.00	0.010	0.002	0.008		135
720.00	0.010	0.002	0.008		135
722.00	0.010	0.002	0.008		136
724.00	0.010	0.002	0.008		136
726.00	0.010	0.002	0.008		136
728.00	0.010	0.002	0.008		136
730.00	0.010	0.002	0.008		137
732.00	0.010	0.002	0.008		137
734.00	0.010	0.002	0.008		137
736.00	0.011	0.002	0.009		137
738.00	0.011	0.002	0.009		137

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
740.00	0.011	0.002	0.009		138
742.00	0.011	0.002	0.009		138
744.00	0.011	0.002	0.009		139
746.00	0.011	0.002	0.009		140
748.00	0.011	0.002	0.009		141
750.00	0.011	0.002	0.009		142
752.00	0.011	0.002	0.009		144
754.00	0.011	0.002	0.009		145
756.00	0.011	0.002	0.009		146
758.00	0.011	0.002	0.009		147
760.00	0.011	0.002	0.009		148
762.00	0.011	0.002	0.009		148
764.00	0.011	0.002	0.009		149
766.00	0.011	0.002	0.009		150
768.00	0.011	0.002	0.009		150
770.00	0.011	0.002	0.009		151
772.00	0.011	0.002	0.009		151
774.00	0.011	0.002	0.009		152
776.00	0.011	0.002	0.009		152
778.00	0.011	0.002	0.009		152
780.00	0.011	0.002	0.009		152
782.00	0.011	0.002	0.009		153
784.00	0.011	0.002	0.009		153
786.00	0.011	0.002	0.009		153
788.00	0.011	0.002	0.009		153
790.00	0.011	0.002	0.009		153
792.00	0.011	0.002	0.009		154
794.00	0.011	0.002	0.009		154
796.00	0.011	0.002	0.009		154
798.00	0.012	0.002	0.010		154
800.00	0.012	0.002	0.010		154
802.00	0.012	0.002	0.010		155
804.00	0.012	0.002	0.010		155
806.00	0.012	0.002	0.010		156
808.00	0.012	0.002	0.010		157
810.00	0.012	0.002	0.010		158
812.00	0.012	0.002	0.010		159
814.00	0.012	0.002	0.010		160
816.00	0.012	0.002	0.010		162
818.00	0.012	0.002	0.010		163
820.00	0.012	0.002	0.010		164

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
822.00	0.012	0.002	0.010		164
824.00	0.012	0.002	0.010		165
826.00	0.012	0.002	0.010		166
828.00	0.012	0.002	0.010		166
830.00	0.012	0.002	0.010		167
832.00	0.012	0.002	0.010		167
834.00	0.012	0.002	0.010		168
836.00	0.012	0.002	0.010		168
838.00	0.012	0.002	0.010		168
840.00	0.012	0.002	0.010		169
842.00	0.012	0.002	0.010		169
844.00	0.012	0.002	0.010		169
846.00	0.012	0.002	0.010		170
848.00	0.012	0.002	0.010		170
850.00	0.012	0.002	0.010		170
852.00	0.012	0.002	0.010		170
854.00	0.012	0.002	0.010		170
856.00	0.012	0.002	0.010		170
858.00	0.012	0.002	0.010		170
860.00	0.012	0.002	0.010		171
862.00	0.012	0.002	0.010		171
864.00	0.012	0.002	0.010		171
866.00	0.012	0.002	0.010		171
868.00	0.013	0.002	0.011		171
870.00	0.013	0.002	0.011		171
872.00	0.013	0.002	0.011		172
874.00	0.013	0.002	0.011		172
876.00	0.013	0.002	0.011		173
878.00	0.013	0.002	0.011		174
880.00	0.013	0.002	0.011		175
882.00	0.013	0.002	0.011		176
884.00	0.013	0.002	0.011		177
886.00	0.013	0.002	0.011		178
888.00	0.013	0.002	0.011		179
890.00	0.013	0.002	0.011		180
892.00	0.013	0.002	0.011		181
894.00	0.013	0.002	0.011		182
896.00	0.013	0.002	0.011		182
898.00	0.013	0.002	0.011		183
900.00	0.013	0.002	0.011		183
902.00	0.013	0.002	0.011		184

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
904.00	0.013	0.002	0.011		184
906.00	0.013	0.002	0.011		185
908.00	0.013	0.002	0.011		185
910.00	0.013	0.002	0.011		185
912.00	0.013	0.002	0.011		186
914.00	0.013	0.002	0.011		186
916.00	0.013	0.002	0.011		186
918.00	0.013	0.002	0.011		186
920.00	0.013	0.002	0.011		186
922.00	0.013	0.002	0.011		187
924.00	0.014	0.002	0.012		187
926.00	0.014	0.002	0.012		187
928.00	0.014	0.002	0.012		188
930.00	0.014	0.002	0.012		188
932.00	0.014	0.002	0.012		189
934.00	0.014	0.002	0.012		190
936.00	0.014	0.002	0.012		191
938.00	0.014	0.002	0.012		192
940.00	0.014	0.002	0.012		193
942.00	0.014	0.002	0.012		195
944.00	0.014	0.002	0.012		196
946.00	0.014	0.002	0.012		197
948.00	0.014	0.002	0.012		197
950.00	0.014	0.002	0.012		198
952.00	0.014	0.002	0.012		199
954.00	0.014	0.002	0.012		199
956.00	0.015	0.002	0.013		200
958.00	0.015	0.002	0.013		201
960.00	0.015	0.002	0.013		202
962.00	0.015	0.002	0.013		202
964.00	0.015	0.002	0.013		203
966.00	0.015	0.002	0.013		205
968.00	0.015	0.002	0.013		206
970.00	0.015	0.002	0.013		207
972.00	0.016	0.002	0.014		209
974.00	0.016	0.002	0.014		210
976.00	0.016	0.002	0.014		212
978.00	0.016	0.002	0.014		213
980.00	0.017	0.002	0.015		215
982.00	0.017	0.002	0.015		217
984.00	0.017	0.002	0.015		219

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
986.00	0.017	0.002	0.015		221
988.00	0.018	0.002	0.016		224
990.00	0.018	0.002	0.016		227
992.00	0.019	0.002	0.017		230
994.00	0.019	0.002	0.017		232
996.00	0.020	0.002	0.018		236
998.00	0.020	0.002	0.018		240
1000.00	0.021	0.002	0.019		244
1002.00	0.021	0.002	0.019		248
1004.00	0.022	0.002	0.020		253
1006.00	0.022	0.002	0.020		258
1008.00	0.023	0.002	0.021		264
1010.00	0.023	0.002	0.021		270
1012.00	0.024	0.002	0.022		276
1014.00	0.024	0.002	0.022		282
1016.00	0.025	0.002	0.023		288
1018.00	0.026	0.002	0.024		295
1020.00	0.027	0.002	0.025		302
1022.00	0.027	0.002	0.025		310
1024.00	0.028	0.002	0.026		317
1026.00	0.029	0.002	0.027		325
1028.00	0.030	0.002	0.028		334
1030.00	0.030	0.002	0.028		342
1032.00	0.031	0.002	0.029		351
1034.00	0.032	0.002	0.030		361
1036.00	0.033	0.002	0.031		371
1038.00	0.034	0.002	0.032		381
1040.00	0.035	0.002	0.033		392
1042.00	0.036	0.002	0.034		403
1044.00	0.037	0.002	0.035		414
1046.00	0.038	0.002	0.036		426
1048.00	0.039	0.002	0.037		438
1050.00	0.040	0.002	0.038		450
1052.00	0.041	0.002	0.039		464
1054.00	0.042	0.002	0.040		477
1056.00	0.043	0.002	0.041		491
1058.00	0.044	0.002	0.042		505
1060.00	0.046	0.002	0.044		519
1062.00	0.046	0.002	0.044		534
1064.00	0.048	0.002	0.046		549
1066.00	0.049	0.002	0.047		564

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1068.00	0.050	0.002	0.048		580
1070.00	0.051	0.002	0.049		596
1072.00	0.053	0.002	0.051		612
1074.00	0.054	0.002	0.052		629
1076.00	0.055	0.002	0.053		646
1078.00	0.056	0.002	0.054		663
1080.00	0.058	0.002	0.056		681
1082.00	0.059	0.002	0.057		699
1084.00	0.061	0.002	0.059		717
1086.00	0.062	0.002	0.060		736
1088.00	0.064	0.002	0.062		755
1090.00	0.065	0.002	0.063		775
1092.00	0.067	0.002	0.065		795
1094.00	0.068	0.002	0.066		815
1096.00	0.070	0.002	0.068		836
1098.00	0.071	0.002	0.069		857
1100.00	0.073	0.002	0.071		879
1102.00	0.074	0.002	0.072		901
1104.00	0.076	0.002	0.074		923
1106.00	0.077	0.002	0.075		946
1108.00	0.079	0.002	0.077		969
1110.00	0.081	0.002	0.079		992
1112.00	0.083	0.002	0.081		1015
1114.00	0.084	0.002	0.082		1039
1116.00	0.086	0.002	0.084		1063
1118.00	0.088	0.002	0.086		1087
1120.00	0.089	0.002	0.087		1112
1122.00	0.085	0.002	0.083		1136
1124.00	0.082	0.002	0.080		1160
1126.00	0.078	0.002	0.076		1182
1128.00	0.075	0.002	0.073		1202
1130.00	0.072	0.002	0.070		1219
1132.00	0.069	0.002	0.067		1232
1134.00	0.066	0.002	0.064		1240
1136.00	0.063	0.002	0.061		1243
1138.00	0.060	0.002	0.058		1240
1140.00	0.057	0.002	0.055		1230
1142.00	0.055	0.002	0.053		1216
1144.00	0.052	0.002	0.050		1199
1146.00	0.050	0.002	0.048		1179
1148.00	0.047	0.002	0.045		1156

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1150.00	0.045	0.002	0.043		1131
1152.00	0.043	0.002	0.041		1105
1154.00	0.040	0.002	0.038		1076
1156.00	0.038	0.002	0.036		1046
1158.00	0.036	0.002	0.034		1015
1160.00	0.034	0.002	0.032		983
1162.00	0.033	0.002	0.031		951
1164.00	0.031	0.002	0.029		918
1166.00	0.029	0.002	0.027		885
1168.00	0.028	0.002	0.026		852
1170.00	0.026	0.002	0.024		819
1172.00	0.025	0.002	0.023		787
1174.00	0.024	0.002	0.022		755
1176.00	0.022	0.002	0.020		724
1178.00	0.021	0.002	0.019		693
1180.00	0.020	0.002	0.018		664
1182.00	0.019	0.002	0.017		634
1184.00	0.018	0.002	0.016		606
1186.00	0.018	0.002	0.016		578
1188.00	0.017	0.002	0.015		551
1190.00	0.016	0.002	0.014		526
1192.00	0.016	0.002	0.014		501
1194.00	0.015	0.002	0.013		477
1196.00	0.015	0.002	0.013		454
1198.00	0.015	0.002	0.013		433
1200.00	0.015	0.002	0.013		413
1202.00	0.014	0.002	0.012		394
1204.00	0.014	0.002	0.012		377
1206.00	0.014	0.002	0.012		360
1208.00	0.014	0.002	0.012		345
1210.00	0.014	0.002	0.012		330
1212.00	0.014	0.002	0.012		317
1214.00	0.014	0.002	0.012		305
1216.00	0.014	0.002	0.012		295
1218.00	0.014	0.002	0.012		285
1220.00	0.013	0.002	0.011		275
1222.00	0.013	0.002	0.011		267
1224.00	0.013	0.002	0.011		259
1226.00	0.013	0.002	0.011		253
1228.00	0.013	0.002	0.011		246
1230.00	0.013	0.002	0.011		240

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1232.00	0.013	0.002	0.011		235
1234.00	0.013	0.002	0.011		230
1236.00	0.013	0.002	0.011		225
1238.00	0.013	0.002	0.011		220
1240.00	0.013	0.002	0.011		216
1242.00	0.013	0.002	0.011		213
1244.00	0.013	0.002	0.011		210
1246.00	0.013	0.002	0.011		207
1248.00	0.012	0.002	0.010		205
1250.00	0.012	0.002	0.010		202
1252.00	0.012	0.002	0.010		200
1254.00	0.012	0.002	0.010		198
1256.00	0.012	0.002	0.010		196
1258.00	0.012	0.002	0.010		194
1260.00	0.012	0.002	0.010		192
1262.00	0.012	0.002	0.010		190
1264.00	0.012	0.002	0.010		187
1266.00	0.012	0.002	0.010		185
1268.00	0.012	0.002	0.010		184
1270.00	0.012	0.002	0.010		182
1272.00	0.012	0.002	0.010		181
1274.00	0.012	0.002	0.010		180
1276.00	0.012	0.002	0.010		179
1278.00	0.012	0.002	0.010		178
1280.00	0.012	0.002	0.010		177
1282.00	0.011	0.002	0.009		176
1284.00	0.011	0.002	0.009		176
1286.00	0.011	0.002	0.009		175
1288.00	0.011	0.002	0.009		174
1290.00	0.011	0.002	0.009		173
1292.00	0.011	0.002	0.009		172
1294.00	0.011	0.002	0.009		170
1296.00	0.011	0.002	0.009		169
1298.00	0.011	0.002	0.009		167
1300.00	0.011	0.002	0.009		166
1302.00	0.011	0.002	0.009		165
1304.00	0.011	0.002	0.009		164
1306.00	0.011	0.002	0.009		163
1308.00	0.011	0.002	0.009		162
1310.00	0.011	0.002	0.009		161
1312.00	0.010	0.002	0.008		160

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1314.00	0.010	0.002	0.008		159
1316.00	0.010	0.002	0.008		159
1318.00	0.010	0.002	0.008		158
1320.00	0.010	0.002	0.008		157
1322.00	0.010	0.002	0.008		155
1324.00	0.010	0.002	0.008		154
1326.00	0.010	0.002	0.008		153
1328.00	0.010	0.002	0.008		151
1330.00	0.010	0.002	0.008		149
1332.00	0.010	0.002	0.008		148
1334.00	0.010	0.002	0.008		147
1336.00	0.010	0.002	0.008		146
1338.00	0.010	0.002	0.008		146
1340.00	0.009	0.002	0.007		145
1342.00	0.009	0.002	0.007		144
1344.00	0.009	0.002	0.007		143
1346.00	0.009	0.002	0.007		142
1348.00	0.009	0.002	0.007		141
1350.00	0.009	0.002	0.007		139
1352.00	0.009	0.002	0.007		138
1354.00	0.009	0.002	0.007		137
1356.00	0.009	0.002	0.007		135
1358.00	0.009	0.002	0.007		133
1360.00	0.009	0.002	0.007		132
1362.00	0.009	0.002	0.007		131
1364.00	0.009	0.002	0.007		130
1366.00	0.008	0.002	0.006		129
1368.00	0.008	0.002	0.006		128
1370.00	0.008	0.002	0.006		127
1372.00	0.008	0.002	0.006		126
1374.00	0.008	0.002	0.006		125
1376.00	0.008	0.002	0.006		123
1378.00	0.008	0.002	0.006		122
1380.00	0.008	0.002	0.006		120
1382.00	0.008	0.002	0.006		119
1384.00	0.008	0.002	0.006		117
1386.00	0.008	0.002	0.006		116
1388.00	0.008	0.002	0.006		115
1390.00	0.008	0.002	0.006		114
1392.00	0.008	0.002	0.006		113
1394.00	0.008	0.002	0.006		112

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1396.00	0.007	0.002	0.005		111
1398.00	0.007	0.002	0.005		110
1400.00	0.007	0.002	0.005		109
1402.00	0.007	0.002	0.005		108
1404.00	0.007	0.002	0.005		107
1406.00	0.007	0.002	0.005		106
1408.00	0.007	0.002	0.005		105
1410.00	0.007	0.002	0.005		103
1412.00	0.007	0.002	0.005		102
1414.00	0.007	0.002	0.005		100
1416.00	0.007	0.002	0.005		99
1418.00	0.007	0.002	0.005		98
1420.00	0.007	0.002	0.005		97
1422.00	0.007	0.002	0.005		96
1424.00	0.007	0.002	0.005		95
1426.00	0.007	0.002	0.005		94
1428.00	0.007	0.002	0.005		94
1430.00	0.007	0.002	0.005		93
1432.00	0.007	0.002	0.005		93
1434.00	0.006	0.002	0.004		92
1436.00	0.006	0.002	0.004		91
1438.00	0.006	0.002	0.004		91
1440.00	0.006	0.002	0.004		90
1442.00	0.006	0.002	0.004		89
1444.00	0.006	0.002	0.004		88
1446.00	0.006	0.002	0.004		87
1448.00	0.006	0.002	0.004		86
1450.00	0.006	0.002	0.004		84
1452.00	0.006	0.002	0.004		82
1454.00	0.006	0.002	0.004		81
1456.00	0.006	0.002	0.004		80
1458.00	0.006	0.002	0.004		80
1460.00	0.006	0.002	0.004		79
1462.00	0.006	0.002	0.004		78
1464.00	0.006	0.002	0.004		77
1466.00	0.006	0.002	0.004		77
1468.00	0.006	0.002	0.004		76
1470.00	0.006	0.002	0.004		76
1472.00	0.006	0.002	0.004		75
1474.00	0.006	0.002	0.004		75
1476.00	0.006	0.002	0.004		75

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1478.00	0.006	0.002	0.004		74
1480.00	0.006	0.002	0.004		74
1482.00	0.006	0.002	0.004		74
1484.00	0.006	0.002	0.004		74
1486.00	0.006	0.002	0.004		73
1488.00	0.006	0.002	0.004		73
1490.00	0.006	0.002	0.004		73
1492.00	0.006	0.002	0.004		73
1494.00	0.006	0.002	0.004		73
1496.00	0.006	0.002	0.004		73
1498.00	0.006	0.002	0.004		73
1500.00	0.006	0.002	0.004		72
1502.00	0.006	0.002	0.004		72
1504.00	0.006	0.002	0.004		72
1506.00	0.006	0.002	0.004		72
1508.00	0.006	0.002	0.004		72
1510.00	0.006	0.002	0.004		72
1512.00	0.005	0.002	0.003		72
1514.00	0.005	0.002	0.003		72
1516.00	0.005	0.002	0.003		71
1518.00	0.005	0.002	0.003		71
1520.00	0.005	0.002	0.003		70
1522.00	0.005	0.002	0.003		69
1524.00	0.005	0.002	0.003		68
1526.00	0.005	0.002	0.003		67
1528.00	0.005	0.002	0.003		66
1530.00	0.005	0.002	0.003		65
1532.00	0.005	0.002	0.003		64
1534.00	0.005	0.002	0.003		63
1536.00	0.005	0.002	0.003		62
1538.00	0.005	0.002	0.003		61
1540.00	0.005	0.002	0.003		61
1542.00	0.005	0.002	0.003		60
1544.00	0.005	0.002	0.003		60
1546.00	0.005	0.002	0.003		59
1548.00	0.005	0.002	0.003		59
1550.00	0.005	0.002	0.003		58
1552.00	0.005	0.002	0.003		58
1554.00	0.005	0.002	0.003		58
1556.00	0.005	0.002	0.003		58
1558.00	0.005	0.002	0.003		57

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1560.00	0.005	0.002	0.003		57
1562.00	0.005	0.002	0.003		57
1564.00	0.005	0.002	0.003		57
1566.00	0.005	0.002	0.003		57
1568.00	0.005	0.002	0.003		56
1570.00	0.005	0.002	0.003		56
1572.00	0.005	0.002	0.003		56
1574.00	0.005	0.002	0.003		56
1576.00	0.005	0.002	0.003		56
1578.00	0.005	0.002	0.003		56
1580.00	0.005	0.002	0.003		56
1582.00	0.005	0.002	0.003		56
1584.00	0.005	0.002	0.003		56
1586.00	0.005	0.002	0.003		56
1588.00	0.005	0.002	0.003		56
1590.00	0.005	0.002	0.003		56
1592.00	0.005	0.002	0.003		55
1594.00	0.005	0.002	0.003		55
1596.00	0.005	0.002	0.003		55
1598.00	0.005	0.002	0.003		55
1600.00	0.005	0.002	0.003		55
1602.00	0.005	0.002	0.003		55
1604.00	0.005	0.002	0.003		55
1606.00	0.005	0.002	0.003		55
1608.00	0.005	0.002	0.003		55
1610.00	0.005	0.002	0.003		55
1612.00	0.005	0.002	0.003		55
1614.00	0.005	0.002	0.003		55
1616.00	0.005	0.002	0.003		55
1618.00	0.005	0.002	0.003		55
1620.00	0.005	0.002	0.003		55
1622.00	0.005	0.002	0.003		55
1624.00	0.005	0.002	0.003		55
1626.00	0.005	0.002	0.003		55
1628.00	0.005	0.002	0.003		55
1630.00	0.005	0.002	0.003		55
1632.00	0.005	0.002	0.003		55
1634.00	0.005	0.002	0.003		55
1636.00	0.005	0.002	0.003		55
1638.00	0.005	0.002	0.003		55
1640.00	0.005	0.002	0.003		55

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
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TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1642.00	0.005	0.002	0.003		55
1644.00	0.005	0.002	0.003		55
1646.00	0.005	0.002	0.003		55
1648.00	0.005	0.002	0.003		55
1650.00	0.005	0.002	0.003		55
1652.00	0.004	0.002	0.002		55
1654.00	0.004	0.002	0.002		55
1656.00	0.004	0.002	0.002		55
1658.00	0.004	0.002	0.002		54
1660.00	0.004	0.002	0.002		54
1662.00	0.004	0.002	0.002		53
1664.00	0.004	0.002	0.002		52
1666.00	0.004	0.002	0.002		51
1668.00	0.004	0.002	0.002		49
1670.00	0.004	0.002	0.002		48
1672.00	0.004	0.002	0.002		47
1674.00	0.004	0.002	0.002		46
1676.00	0.004	0.002	0.002		45
1678.00	0.004	0.002	0.002		45
1680.00	0.004	0.002	0.002		44
1682.00					43
1684.00					42
1686.00					41
1688.00					40
1690.00					38
1692.00					35
1694.00					33
1696.00					30
1698.00					27
1700.00					24
1702.00					21
1704.00					19
1706.00					17
1708.00					15
1710.00					14
1712.00					12
1714.00					11
1716.00					10
1718.00					9
1720.00					8
1722.00					7

NEVADA TEST SITE PMF STUDY
FINISHED TUFF PILE EAST DRAINAGE
GENERAL STORM PMF AT TWO MIN. UNIT DURATION
KLB 02-18-1986 12:41:19

TIME min	RAIN in	LOSS in	EXCESS in	UNITGRAPH cfs	HYDROGRAPH cfs
1724.00					6
1726.00					6
1728.00					5
1730.00					4
1732.00					4
1734.00					4
1736.00					3
1738.00					3
1740.00					2
1742.00					2
1744.00					2
1746.00					2
1748.00					1
1750.00					1
1752.00					1
1754.00					1
1756.00					1
1758.00					1
1760.00					1
1762.00					0
1764.00					0
1766.00					0
1768.00					0
1770.00					0
1772.00					0
1774.00					0
1776.00					0
1778.00					0
1780.00					0
1782.00					0
1784.00					0

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 40
VersNo= 751.3 Page 1

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
2	0.4	0.3				0.7
4	1.1	0.8				2.0
6	2.5	1.6				4.1
8	4.3	2.6				6.9
10	7.0	4.1				11.1
12	8.7	6.0				14.7
14	10.0	8.2				18.1
16	11.1	10.5				21.6
18	12.1	13.7				25.8
20	12.9	16.9				29.7
22	13.5	19.2				32.7
24	14.1	21.1				35.2
26	14.5	22.8				37.3
28	14.8	24.4				39.2
30	15.1	25.8				40.9
32	15.3	27.2				42.5
34	15.5	28.4				43.9
36	15.7	29.5				45.1
38	15.8	30.4				46.2
40	15.9	31.3				47.2
42	16.0	32.1				48.1
44	16.1	32.8				48.9
46	16.2	33.4				49.6
48	16.2	34.0				50.2
50	16.2	34.5				50.7
52	16.2	34.9				51.2
54	16.3	35.3				51.6
56	16.4	35.8				52.3
58	16.8	36.3				53.1
60	17.4	37.0				54.3
62	18.1	37.7				55.8
64	19.3	38.6				57.8
66	20.0	39.6				59.6
68	20.6	40.7				61.3
70	21.0	41.9				63.0
72	21.5	43.4				64.9
74	21.8	45.0				66.8
76	22.1	46.1				68.2
78	22.3	47.0				69.3
80	22.5	47.9				70.3

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 40
VersNo= 751.3 Page 2

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
82	22.6	48.6				71.3
84	22.7	49.3				72.1
86	22.8	50.0				72.8
88	22.9	50.6				73.5
90	23.0	51.1				74.1
92	23.1	51.6				74.6
94	23.1	52.0				75.1
96	23.1	52.3				75.5
98	23.2	52.7				75.8
100	23.2	53.0				76.2
102	23.2	53.2				76.4
104	23.2	53.4				76.7
106	23.2	53.6				76.9
108	23.2	53.8				77.1
110	23.3	54.0				77.2
112	23.3	54.1				77.4
114	23.3	54.2				77.5
116	23.3	54.3				77.6
118	23.3	54.5				77.7
120	23.3	54.5				77.8
122	23.3	54.6				77.9
124	23.3	54.7				78.0
126	23.3	54.8				78.0
128	23.3	54.9				78.1
130	23.3	54.9				78.2
132	23.3	55.0				78.2
134	23.3	55.0				78.3
136	23.3	55.1				78.3
138	23.3	55.1				78.3
140	23.3	55.1				78.4
142	23.3	55.1				78.4
144	23.3	55.2				78.4
146	23.3	55.2				78.4
148	23.3	55.2				78.5
150	23.3	55.2				78.5
152	23.3	55.2				78.5
154	23.3	55.2				78.5
156	23.3	55.2				78.5
158	23.3	55.3				78.5
160	23.3	55.3				78.5

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 40
VersNo= 751.3 Page 3

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
162	23.3	55.3				78.5
164	23.3	55.3				78.5
166	23.3	55.3				78.5
168	23.3	55.3				78.5
170	23.3	55.3				78.5
172	23.3	55.3				78.5
174	23.3	55.3				78.5
176	23.3	55.3				78.5
178	23.3	55.3				78.5
180	23.3	55.3				78.5
182	23.3	55.3				78.5
184	23.3	55.3				78.5
186	23.3	55.3				78.5
188	23.3	55.3				78.5
190	23.3	55.3				78.5
192	23.3	55.3				78.5
194	23.3	55.3				78.5
196	23.3	55.3				78.5
198	23.3	55.3				78.5
200	23.3	55.3				78.5
202	23.3	55.3				78.5
204	23.3	55.3				78.5
206	23.3	55.3				78.5
208	23.3	55.3				78.5
210	23.3	55.3				78.5
212	23.3	55.3				78.5
214	23.3	55.3				78.5
216	23.3	55.3				78.5
218	23.3	55.3				78.5
220	23.3	55.3				78.5
222	23.3	55.3				78.5
224	23.3	55.3				78.5
226	23.3	55.3				78.5
228	23.3	55.3				78.5
230	23.3	55.3				78.5
232	23.3	55.3				78.5
234	23.3	55.3				78.5
236	23.3	55.3				78.5
238	23.3	55.3				78.5
240	23.3	55.3				78.5

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 40
VersNo= 751.3 Page 4

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.

TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
242	23.3	55.3				78.5
244	23.3	55.3				78.5
246	23.3	55.3				78.5
248	23.3	55.3				78.5
250	23.3	55.3				78.5
252	23.3	55.3				78.5
254	23.3	55.3				78.5
256	23.3	55.3				78.5
258	23.3	55.3				78.5
260	23.3	55.3				78.5
262	23.3	55.3				78.5
264	23.3	55.3				78.5
266	23.3	55.3				78.5
268	23.3	55.3				78.5
270	23.3	55.3				78.5
272	23.3	55.3				78.5
274	23.3	55.3				78.5
276	23.3	55.3				78.5
278	23.3	55.3				78.5
280	23.3	55.3				78.5
282	23.3	55.3				78.5
284	23.3	55.3				78.5
286	23.3	55.3				78.5
288	23.3	55.3				78.5
290	23.3	55.3				78.5
292	23.3	55.3				78.5
294	23.3	55.3				78.5
296	23.3	55.3				78.5
298	23.3	55.3				78.5
300	23.3	55.3				78.5
302	23.3	55.3				78.5
304	23.3	55.3				78.5
306	23.3	55.3				78.5
308	23.3	55.3				78.5
310	23.3	55.3				78.5
312	23.3	55.3				78.5
314	23.3	55.3				78.5
316	23.3	55.3				78.5
318	23.3	55.3				78.5
320	23.3	55.3				78.5

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 40
VersNo= 751.3 Page 5

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
322	23.3	55.3				78.5
324	23.3	55.3				78.5
326	23.3	55.3				78.5
328	23.3	55.3				78.5
330	23.3	55.3				78.5
332	23.3	55.3				78.5
334	23.3	55.3				78.5
336	23.3	55.3				78.5
338	23.4	55.4				78.8
340	23.7	55.6				79.4
342	24.3	55.9				80.3
344	25.1	56.4				81.5
346	26.2	57.0				83.3
348	27.0	57.8				84.8
350	27.5	58.8				86.3
352	28.0	59.8				87.8
354	28.4	61.1				89.6
356	28.8	62.5				91.3
358	29.1	63.5				92.5
360	29.3	64.3				93.6
362	29.5	65.0				94.5
364	29.6	65.7				95.3
366	29.7	66.3				96.0
368	29.8	66.9				96.7
370	29.9	67.4				97.3
372	30.0	67.9				97.9
374	30.0	68.3				98.3
376	30.1	68.7				98.8
378	30.1	69.0				99.1
380	30.2	69.3				99.5
382	30.2	69.6				99.8
384	30.2	69.8				100.0
386	30.2	70.0				100.2
388	30.2	70.2				100.4
390	30.2	70.4				100.6
392	30.2	70.6				100.8
394	30.2	70.7				100.9
396	30.2	70.8				101.0
398	30.2	70.9				101.2
400	30.2	71.0				101.3

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
402	30.2	71.1				101.4
404	30.2	71.2				101.4
406	30.2	71.3				101.5
408	30.2	71.4				101.6
410	30.2	71.4				101.7
412	30.2	71.5				101.7
414	30.2	71.5				101.8
416	30.2	71.6				101.8
418	30.2	71.6				101.9
420	30.2	71.7				101.9
422	30.2	71.7				101.9
424	30.2	71.7				102.0
426	30.2	71.7				102.0
428	30.2	71.8				102.0
430	30.2	71.8				102.0
432	30.2	71.8				102.0
434	30.2	71.8				102.0
436	30.2	71.8				102.0
438	30.2	71.8				102.1
440	30.2	71.8				102.1
442	30.2	71.8				102.1
444	30.2	71.8				102.1
446	30.2	71.8				102.1
448	30.2	71.8				102.1
450	30.2	71.8				102.1
452	30.2	71.8				102.1
454	30.2	71.8				102.1
456	30.2	71.8				102.1
458	30.2	71.8				102.1
460	30.2	71.8				102.1
462	30.2	71.8				102.1
464	30.2	71.8				102.1
466	30.2	71.8				102.1
468	30.2	71.8				102.1
470	30.2	71.8				102.1
472	30.2	71.8				102.1
474	30.2	71.8				102.1
476	30.2	71.8				102.1
478	30.2	71.8				102.1
480	30.2	71.8				102.1

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
482	30.2	71.8				102.1
484	30.2	71.8				102.1
486	30.2	71.8				102.1
488	30.2	71.8				102.1
490	30.2	71.8				102.1
492	30.2	71.8				102.1
494	30.2	71.8				102.1
496	30.4	72.0				102.4
498	30.7	72.2				102.9
500	31.3	72.5				103.8
502	32.1	73.0				105.0
504	33.2	73.6				106.8
506	33.9	74.4				108.4
508	34.5	75.3				109.8
510	35.0	76.3				111.3
512	35.4	77.7				113.1
514	35.8	79.1				114.8
516	36.0	80.1				116.1
518	36.3	80.9				117.1
520	36.4	81.6				118.0
522	36.6	82.3				118.9
524	36.7	82.9				119.6
526	36.8	83.5				120.3
528	36.9	84.0				120.9
530	36.9	84.5				121.4
532	37.0	84.9				121.9
534	37.1	85.3				122.3
536	37.1	85.6				122.7
538	37.1	85.9				123.0
540	37.2	86.2				123.3
542	37.2	86.4				123.6
544	37.2	86.6				123.8
546	37.2	86.8				124.0
548	37.2	87.0				124.2
550	37.2	87.1				124.3
552	37.2	87.3				124.5
554	37.2	87.4				124.6
556	37.2	87.5				124.7
558	37.2	87.6				124.8
560	37.2	87.7				124.9

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
562	37.2	87.8				125.0
564	37.2	87.9				125.1
566	37.2	87.9				125.2
568	37.2	88.0				125.2
570	37.2	88.1				125.3
572	37.4	88.3				125.6
574	37.7	88.5				126.2
576	38.3	88.9				127.2
578	39.0	89.4				128.4
580	40.2	90.0				130.2
582	40.9	90.9				131.8
584	41.5	91.8				133.3
586	42.0	92.8				134.8
588	42.4	94.2				136.6
590	42.7	95.6				138.3
592	43.0	96.6				139.6
594	43.2	97.4				140.7
596	43.4	98.2				141.6
598	43.6	98.9				142.4
600	43.7	99.5				143.2
602	43.8	100.1				143.8
604	43.9	100.6				144.4
606	43.9	101.0				145.0
608	44.0	101.5				145.4
610	44.0	101.8				145.9
612	44.1	102.2				146.2
614	44.1	102.5				146.6
616	44.1	102.7				146.9
618	44.1	103.0				147.1
620	44.2	103.2				147.4
622	44.2	103.4				147.6
624	44.2	103.6				147.7
626	44.2	103.7				147.9
628	44.3	104.0				148.3
630	44.7	104.3				149.0
632	45.3	104.8				150.0
634	46.0	105.3				151.3
636	47.2	106.0				153.2
638	47.9	107.0				154.9
640	48.5	108.0				156.4

TATUM FLOOD HYDROGRAPH ROUTING and COMBINING ANALYSIS Table 40
VersNo= 751.3 Page 9

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
642	49.0	109.0				158.0
644	49.4	110.5				159.8
646	49.7	111.9				161.6
648	50.0	112.9				162.9
650	50.2	113.8				164.0
652	50.4	114.6				164.9
654	50.5	115.3				165.8
656	50.6	115.9				166.6
658	50.7	116.5				167.3
660	50.8	117.1				167.9
662	50.9	117.5				168.4
664	51.0	118.0				168.9
666	51.0	118.4				169.4
668	51.0	118.7				169.8
670	51.1	119.0				170.1
672	51.1	119.3				170.4
674	51.1	119.6				170.7
676	51.1	119.8				170.9
678	51.1	120.0				171.1
680	51.3	120.3				171.6
682	51.6	120.6				172.3
684	52.2	121.1				173.3
686	53.0	121.7				174.7
688	54.1	122.4				176.6
690	54.9	123.3				178.2
692	55.4	124.4				179.8
694	55.9	125.4				181.4
696	56.3	126.9				183.2
698	56.7	128.3				185.0
700	57.0	129.4				186.3
702	57.2	130.3				187.5
704	57.4	131.1				188.4
706	57.5	131.8				189.3
708	57.6	132.4				190.1
710	57.7	133.0				190.8
712	57.8	133.6				191.4
714	57.9	134.1				192.0
716	57.9	134.5				192.5
718	58.0	134.9				192.9
720	58.0	135.3				193.3

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
722	58.1	135.6				193.6
724	58.1	135.9				193.9
726	58.1	136.1				194.2
728	58.1	136.3				194.5
730	58.1	136.5				194.7
732	58.1	136.7				194.8
734	58.1	136.9				195.0
736	58.3	137.2				195.4
738	58.6	137.5				196.1
740	59.2	137.9				197.1
742	60.0	138.5				198.4
744	61.1	139.2				200.3
746	61.9	140.1				202.0
748	62.4	141.1				203.5
750	62.9	142.2				205.1
752	63.3	143.6				206.9
754	63.7	145.0				208.7
756	63.9	146.1				210.0
758	64.2	147.0				211.1
760	64.3	147.7				212.1
762	64.5	148.4				212.9
764	64.6	149.1				213.7
766	64.7	149.7				214.4
768	64.8	150.2				215.0
770	64.9	150.7				215.6
772	64.9	151.1				216.1
774	65.0	151.5				216.5
776	65.0	151.9				216.9
778	65.0	152.2				217.2
780	65.1	152.5				217.5
782	65.1	152.7				217.8
784	65.1	152.9				218.0
786	65.1	153.1				218.2
788	65.1	153.3				218.4
790	65.1	153.4				218.6
792	65.1	153.6				218.7
794	65.1	153.7				218.8
796	65.1	153.8				218.9
798	65.3	154.1				219.3
800	65.6	154.4				220.0

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
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FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
802	66.2	154.8				221.0
804	66.9	155.3				222.3
806	68.1	156.0				224.1
808	68.8	156.9				225.7
810	69.4	157.9				227.3
812	69.9	158.9				228.8
814	70.3	160.3				230.6
816	70.6	161.8				232.4
818	70.9	162.8				233.7
820	71.1	163.6				234.8
822	71.3	164.4				235.7
824	71.5	165.1				236.5
826	71.6	165.7				237.3
828	71.7	166.3				238.0
830	71.8	166.9				238.6
832	71.8	167.3				239.2
834	71.9	167.8				239.6
836	71.9	168.1				240.1
838	72.0	168.5				240.5
840	72.0	168.8				240.8
842	72.0	169.1				241.1
844	72.0	169.3				241.3
846	72.1	169.5				241.6
848	72.1	169.7				241.8
850	72.1	169.9				242.0
852	72.1	170.0				242.1
854	72.1	170.2				242.2
856	72.1	170.3				242.4
858	72.1	170.4				242.5
860	72.1	170.5				242.6
862	72.1	170.6				242.7
864	72.1	170.7				242.8
866	72.1	170.8				242.9
868	72.2	171.0				243.2
870	72.6	171.3				243.8
872	73.2	171.6				244.8
874	73.9	172.1				246.1
876	75.1	172.8				247.9
878	75.8	173.7				249.5
880	76.4	174.6				251.0

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
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FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
882	76.9	175.7				252.5
884	77.3	177.1				254.3
886	77.6	178.4				256.1
888	77.9	179.5				257.3
890	78.1	180.3				258.4
892	78.3	181.0				259.3
894	78.4	181.7				260.2
896	78.6	182.4				260.9
898	78.6	182.9				261.6
900	78.7	183.5				262.2
902	78.8	183.9				262.7
904	78.9	184.4				263.2
906	78.9	184.7				263.6
908	79.0	185.1				264.0
910	79.0	185.4				264.4
912	79.0	185.6				264.6
914	79.0	185.9				264.9
916	79.0	186.1				265.1
918	79.0	186.3				265.3
920	79.1	186.5				265.5
922	79.1	186.6				265.7
924	79.2	186.9				266.1
926	79.5	187.2				266.8
928	80.1	187.6				267.8
930	80.9	188.2				269.1
932	82.0	188.9				271.0
934	82.8	189.8				272.6
936	83.3	190.8				274.2
938	83.8	191.9				275.7
940	84.2	193.4				277.6
942	84.6	194.8				279.4
944	84.9	195.8				280.7
946	85.1	196.7				281.8
948	85.3	197.5				282.7
950	85.4	198.2				283.6
952	85.5	198.8				284.3
954	85.6	199.4				285.0
956	85.9	200.1				286.0
958	86.3	200.8				287.1
960	86.9	201.6				288.5

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
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FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
962	87.7	202.4				290.1
964	88.9	203.4				292.3
966	89.7	204.5				294.2
968	90.3	205.7				296.0
970	90.8	206.9				297.7
972	91.4	208.7				300.0
974	92.0	210.4				302.5
976	92.9	211.9				304.8
978	93.9	213.4				307.2
980	95.4	215.0				310.4
982	96.6	216.8				313.4
984	97.9	218.8				316.6
986	99.2	220.9				320.1
988	101.0	223.7				324.7
990	102.5	226.6				329.1
992	104.1	229.5				333.6
994	106.0	232.4				338.4
996	108.5	236.0				344.5
998	110.8	239.9				350.7
1000	113.7	243.9				357.6
1002	116.4	248.0				364.4
1004	119.5	252.9				372.4
1006	122.4	258.1				380.5
1008	125.7	263.7				389.5
1010	128.8	269.5				398.3
1012	132.2	275.6				407.9
1014	135.3	281.9				417.2
1016	138.9	288.4				427.3
1018	142.2	295.2				437.4
1020	146.1	302.3				448.5
1022	149.9	309.6				459.5
1024	154.3	317.3				471.6
1026	158.9	325.3				484.1
1028	163.6	333.7				497.3
1030	168.0	342.4				510.4
1032	172.9	351.4				524.4
1034	177.9	361.2				539.1
1036	183.0	371.3				554.3
1038	187.9	381.4				569.3
1040	193.4	391.8				585.2

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
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FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
1042	199.1	402.8				602.0
1044	205.1	414.3				619.5
1046	211.3	425.9				637.2
1048	217.6	437.8				655.4
1050	224.0	450.4				674.5
1052	230.6	463.5				694.1
1054	237.2	477.0				714.2
1056	243.9	490.8				734.7
1058	250.6	504.9				755.5
1060	257.6	519.3				776.9
1062	264.6	534.0				798.6
1064	271.9	549.0				820.9
1066	279.2	564.3				843.5
1068	287.1	579.9				867.1
1070	294.4	595.9				890.3
1072	302.5	612.2				914.7
1074	310.4	628.9				939.3
1076	318.4	646.1				964.6
1078	326.6	663.4				989.9
1080	335.2	681.0				1016.2
1082	343.5	699.2				1042.7
1084	352.0	717.5				1069.5
1086	360.8	736.0				1096.8
1088	370.2	755.3				1125.5
1090	379.5	774.9				1154.4
1092	389.3	794.8				1184.0
1094	398.9	814.9				1213.7
1096	409.0	835.8				1244.7
1098	418.8	857.0				1275.9
1100	429.1	878.8				1307.9
1102	439.1	900.8				1339.9
1104	449.5	923.2				1372.7
1106	459.6	945.7				1405.3
1108	470.1	968.5				1438.7
1110	480.4	991.7				1472.1
1112	491.3	1015.2				1506.5
1114	502.1	1038.9				1541.0
1116	513.4	1062.9				1576.4
1118	525.0	1087.4				1612.4
1120	536.5	1112.2				1648.7

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
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FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
1122	546.8	1136.4				1683.2
1124	555.7	1159.8				1715.5
1126	561.4	1182.1				1743.5
1128	562.8	1202.3				1765.1
1130	558.4	1219.0				1777.5
1132	551.0	1231.6				1782.6
1134	540.7	1240.1				1780.8
1136	528.6	1243.5				1772.1
1138	515.0	1240.0				1754.9
1140	499.9	1230.4				1730.2
1142	483.8	1216.4				1700.2
1144	467.0	1198.9				1665.9
1146	449.9	1178.9				1628.9
1148	432.6	1156.3				1588.9
1150	415.6	1131.4				1547.0
1152	398.3	1104.5				1502.9
1154	381.3	1075.9				1457.2
1156	364.1	1045.8				1410.0
1158	347.3	1015.0				1362.3
1160	330.8	983.3				1314.1
1162	314.2	951.1				1265.3
1164	298.5	918.2				1216.7
1166	283.4	885.1				1168.6
1168	268.9	852.4				1121.3
1170	255.2	819.5				1074.7
1172	241.7	786.9				1028.6
1174	228.7	755.0				983.8
1176	216.6	723.7				940.3
1178	204.8	693.3				898.1
1180	193.7	663.5				857.2
1182	183.1	634.2				817.3
1184	172.7	605.7				778.4
1186	163.2	578.1				741.3
1188	154.4	551.3				705.8
1190	146.3	525.7				672.1
1192	138.8	500.9				639.7
1194	132.2	477.0				609.2
1196	125.8	454.5				580.3
1198	119.9	433.1				553.0
1200	115.1	413.0				528.1

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
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FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
1202	110.4	394.2				504.7
1204	106.7	376.6				483.3
1206	103.3	359.9				463.2
1208	100.2	344.6				444.8
1210	97.2	330.3				427.6
1212	95.0	317.2				412.2
1214	93.2	305.5				398.7
1216	91.7	294.7				386.5
1218	90.6	284.6				375.2
1220	89.4	275.3				364.7
1222	88.3	267.0				355.3
1224	87.1	259.5				346.6
1226	85.9	252.6				338.5
1228	84.3	246.2				330.5
1230	83.3	240.2				323.5
1232	82.5	234.7				317.2
1234	81.8	229.6				311.4
1236	81.3	224.6				305.9
1238	80.8	220.0				300.8
1240	80.4	216.1				296.6
1242	80.2	212.8				292.9
1244	79.9	209.8				289.7
1246	79.7	207.1				286.9
1248	79.4	204.6				284.0
1250	79.0	202.2				281.3
1252	78.3	200.0				278.4
1254	77.5	197.9				275.4
1256	76.3	195.8				272.1
1258	75.5	193.7				269.2
1260	74.9	191.6				266.5
1262	74.4	189.6				264.0
1264	73.9	187.4				261.3
1266	73.6	185.3				258.9
1268	73.3	183.6				256.9
1270	73.1	182.2				255.3
1272	72.9	181.0				253.9
1274	72.7	179.9				252.6
1276	72.6	178.9				251.5
1278	72.5	178.0				250.5
1280	72.4	177.2				249.6

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
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FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
1282	72.2	176.4				248.6
1284	71.8	175.6				247.4
1286	71.2	174.7				245.9
1288	70.4	173.8				244.1
1290	69.2	172.7				241.9
1292	68.4	171.5				239.9
1294	67.8	170.3				238.1
1296	67.3	169.0				236.3
1298	66.9	167.4				234.3
1300	66.6	165.8				232.3
1302	66.3	164.6				230.9
1304	66.1	163.6				229.6
1306	65.9	162.7				228.6
1308	65.7	161.9				227.6
1310	65.6	161.1				226.8
1312	65.4	160.3				225.7
1314	65.0	159.5				224.4
1316	64.3	158.6				222.9
1318	63.5	157.6				221.1
1320	62.3	156.6				218.8
1322	61.5	155.3				216.8
1324	60.9	154.1				215.0
1326	60.4	152.8				213.1
1328	60.0	151.1				211.1
1330	59.6	149.5				209.1
1332	59.3	148.3				207.6
1334	59.1	147.3				206.3
1336	58.9	146.4				205.3
1338	58.8	145.5				204.3
1340	58.5	144.6				203.1
1342	58.1	143.7				201.8
1344	57.4	142.8				200.1
1346	56.6	141.7				198.3
1348	55.3	140.6				195.9
1350	54.6	139.3				193.9
1352	54.0	138.0				191.9
1354	53.4	136.6				190.0
1356	53.0	134.9				187.9
1358	52.6	133.2				185.9
1360	52.4	132.0				184.3

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
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FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
1362	52.1	130.9				183.1
1364	51.9	130.0				181.9
1366	51.6	129.0				180.6
1368	51.2	128.0				179.2
1370	50.5	127.0				177.5
1372	49.7	125.9				175.5
1374	48.4	124.6				173.1
1376	47.6	123.3				170.9
1378	47.0	121.9				168.9
1380	46.5	120.5				167.0
1382	46.1	118.7				164.8
1384	45.7	117.0				162.7
1386	45.4	115.7				161.1
1388	45.2	114.6				159.8
1390	45.0	113.7				158.6
1392	44.8	112.8				157.6
1394	44.7	112.0				156.7
1396	44.4	111.1				155.5
1398	44.0	110.2				154.2
1400	43.4	109.3				152.7
1402	42.6	108.3				150.8
1404	41.3	107.2				148.5
1406	40.6	105.9				146.5
1408	40.0	104.6				144.6
1410	39.5	103.3				142.7
1412	39.0	101.6				140.6
1414	38.7	99.9				138.6
1416	38.4	98.7				137.1
1418	38.2	97.7				135.8
1420	38.0	96.7				134.7
1422	37.8	95.9				133.7
1424	37.7	95.1				132.8
1426	37.6	94.4				132.0
1428	37.5	93.7				131.3
1430	37.5	93.2				130.6
1432	37.4	92.6				130.0
1434	37.2	92.0				129.2
1436	36.8	91.4				128.2
1438	36.2	90.7				126.9
1440	35.4	89.9				125.3

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
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FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
1442	34.3	89.0				123.2
1444	33.5	87.9				121.4
1446	32.9	86.8				119.7
1448	32.4	85.5				118.0
1450	32.0	84.0				116.0
1452	31.7	82.5				114.2
1454	31.4	81.3				112.7
1456	31.2	80.4				111.5
1458	31.0	79.5				110.5
1460	30.9	78.7				109.6
1462	30.7	78.0				108.8
1464	30.6	77.4				108.0
1466	30.6	76.8				107.3
1468	30.5	76.2				106.7
1470	30.4	75.7				106.2
1472	30.4	75.3				105.7
1474	30.3	74.9				105.3
1476	30.3	74.6				104.9
1478	30.3	74.3				104.6
1480	30.3	74.0				104.3
1482	30.3	73.8				104.0
1484	30.2	73.6				103.8
1486	30.2	73.4				103.6
1488	30.2	73.2				103.4
1490	30.2	73.0				103.3
1492	30.2	72.9				103.1
1494	30.2	72.8				103.0
1496	30.2	72.7				102.9
1498	30.2	72.6				102.8
1500	30.2	72.5				102.7
1502	30.2	72.4				102.6
1504	30.2	72.3				102.5
1506	30.2	72.3				102.5
1508	30.2	72.2				102.4
1510	30.2	72.1				102.4
1512	30.1	71.9				102.0
1514	29.7	71.7				101.4
1516	29.2	71.3				100.5
1518	28.4	70.9				99.3
1520	27.2	70.2				97.4

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
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OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
1522	26.5	69.4				95.9
1524	25.9	68.4				94.4
1526	25.5	67.4				92.9
1528	25.0	66.0				91.1
1530	24.7	64.7				89.4
1532	24.4	63.6				88.1
1534	24.2	62.8				87.0
1536	24.0	62.1				86.1
1538	23.9	61.4				85.3
1540	23.8	60.8				84.5
1542	23.7	60.2				83.9
1544	23.6	59.7				83.3
1546	23.5	59.2				82.7
1548	23.5	58.8				82.3
1550	23.4	58.4				81.8
1552	23.4	58.1				81.4
1554	23.3	57.8				81.1
1556	23.3	57.5				80.8
1558	23.3	57.3				80.6
1560	23.3	57.1				80.3
1562	23.3	56.9				80.1
1564	23.3	56.7				80.0
1566	23.3	56.6				79.8
1568	23.3	56.4				79.7
1570	23.3	56.3				79.5
1572	23.3	56.2				79.4
1574	23.3	56.1				79.3
1576	23.3	56.0				79.2
1578	23.3	55.9				79.1
1580	23.3	55.8				79.1
1582	23.3	55.7				79.0
1584	23.3	55.7				78.9
1586	23.3	55.6				78.9
1588	23.3	55.6				78.8
1590	23.3	55.5				78.8
1592	23.3	55.5				78.7
1594	23.3	55.4				78.7
1596	23.3	55.4				78.7
1598	23.3	55.4				78.6
1600	23.3	55.4				78.6

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
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FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
1602	23.3	55.3				78.6
1604	23.3	55.3				78.6
1606	23.3	55.3				78.6
1608	23.3	55.3				78.5
1610	23.3	55.3				78.5
1612	23.3	55.3				78.5
1614	23.3	55.3				78.5
1616	23.3	55.3				78.5
1618	23.3	55.3				78.5
1620	23.3	55.3				78.5
1622	23.3	55.3				78.5
1624	23.3	55.3				78.5
1626	23.3	55.3				78.5
1628	23.3	55.3				78.5
1630	23.3	55.3				78.5
1632	23.3	55.3				78.5
1634	23.3	55.3				78.5
1636	23.3	55.3				78.5
1638	23.3	55.3				78.5
1640	23.3	55.3				78.5
1642	23.3	55.3				78.5
1644	23.3	55.3				78.5
1646	23.3	55.3				78.5
1648	23.3	55.3				78.5
1650	23.3	55.3				78.5
1652	23.1	55.1				78.2
1654	22.8	54.9				77.7
1656	22.2	54.6				76.8
1658	21.4	54.1				75.6
1660	20.3	53.5				73.8
1662	19.5	52.7				72.2
1664	19.0	51.8				70.7
1666	18.5	50.8				69.3
1668	18.1	49.4				67.5
1670	17.7	48.0				65.8
1672	17.5	47.0				64.5
1674	17.2	46.2				63.4
1676	17.1	45.5				62.5
1678	16.9	44.8				61.7
1680	16.8	44.2				61.0

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
1682	16.3	43.3				59.6
1684	15.5	42.3				57.8
1686	14.0	41.1				55.1
1688	12.2	39.6				51.8
1690	9.5	37.7				47.2
1692	7.7	35.5				43.2
1694	6.4	33.1				39.4
1696	5.2	30.5				35.6
1698	4.2	27.0				31.2
1700	3.4	23.6				27.0
1702	2.8	21.1				23.9
1704	2.2	19.0				21.3
1706	1.8	17.2				19.0
1708	1.5	15.5				16.9
1710	1.2	13.9				15.1
1712	1.0	12.4				13.4
1714	0.8	11.1				11.9
1716	0.6	9.9				10.5
1718	0.5	8.9				9.3
1720	0.3	7.9				8.3
1722	0.3	7.1				7.3
1724	0.2	6.3				6.5
1726	0.1	5.6				5.7
1728	0.1	5.0				5.1
1730	0.1	4.5				4.5
1732	0.0	4.0				4.0
1734	0.0	3.5				3.6
1736		3.2				3.2
1738		2.8				2.8
1740		2.5				2.5
1742		2.2				2.2
1744		2.0				2.0
1746		1.7				1.7
1748		1.5				1.5
1750		1.3				1.3
1752		1.1				1.1
1754		1.0				1.0
1756		0.8				0.8
1758		0.7				0.7
1760		0.6				0.6

COMBINE FINISHED TUFF PILE E AND W DRAINAGES
GENERAL STORM PMF
KLB 02-28-1986 14:27:28

FLOOD HYDROGRAPH VOLUME= 211453 CFS * 0.03 HRS
OR 582 ac.ft.
TRAVEL TIME= 0

HYDROGRAPH ORDINATES

TIME min	BEGINNING cfs (NEVGG1	INTER-VENING cfs)(NEVGG2	)(	)(	)(	COMBINED cfs)
1762		0.5				0.5
1764		0.4				0.4
1766		0.3				0.3
1768		0.3				0.3
1770		0.2				0.2
1772		0.2				0.2
1774		0.1				0.1
1776		0.1				0.1
1778		0.1				0.1
1780		0.1				0.1
1782		0.0				0.0
1784		0.0				0.0

TABLE 41

Peak Flows for Selected Gaging Stations Near NNWSI
(Data from USGS WATSTOR System)

No.	Station Name Location	Station Number	Drainage Area (mi^3)	Peak Discharge (ft^3/s)	Date
1.	Penoyer Valley Tributary near Tempiute, NV	10247860	1.48	130	8-06-68
2.	Indian Springs Valley Tributary near Indian Springs NV	10248490	29.00	497	8-14-72
3.	Amargosa River Tributary near Mercury, NV	10251270	110.00	3430	8-01-68
4.	Amargosa River Tributary No. 1 near Johnnie, NV	10251271	2.21	350	8-04-70
5.	Amargosa River Tributary No. 2 near Johnnie, NV	10251272	2.49	125	8-01-68
6.	Amargosa River near Beatty, NV	10251220	470.00	16000	2-24-69
7.	Sarcobatus Flat Tributary near Springdale, NV	10249050	37.10	63	9-09-80
8.	Palmetto Wash Tributary near Lida, NV	10249850	4.73	193	7- -69
9.	Stonewall Flat Tributary near Goldfield, NV	10248970	0.53	150	6-16-69

TABLE 41 (Continued)

Peak Flows for Selected Gaging Stations Near NNWSI
(Data from USGS WATSTOR System)

No.	Station Name Location	Station Number	Drainage Area (mi^3)	Peak Discharge (ft^3/s)	Date
10.	Big Smoky Valley Tributary near Blair Junction, NV	10249680	11.40	330	8-14-84
11.	San Antonio Wash Tributary near Tonopah, NV	10249135	3.42	660	8-13-72
12.	Salsbury Wash near Tonopah, NV	10249180	56.00	340	3-27-69

TABLE 42

Peak Discharge at Seven Selected Sites in Arizona, California, Nevada, New Mexico, and Utah

Site Designation	Location	Drainage area (mi^3)	Date	Peak Flow (ft^3/s)	Ft^3/s per (mi^3)
AZ1	Bronco Creek near Wickieup, AZ	19.00	8-18-71	73,500	3870
AZ2	San Pedro River at Charleston, AZ	1219.00	9-28-26	98,000	80
CA1	Arch Creek near Earp, CA	1.52	8-19-71	7,160	4710
NV1	Lahonton Reservoir Tributary No. 3 near Silver Springs, NV	0.22	7-20-71	1,680	7640
NV2	Eldorado Canyon, Southern Nevada	22.80	9-14-74	76,000	3300
NM1	El Rancho Arroyo near Pojoaque, NM	6.70	8-22-52	44,000	6570
UT1	Little Pinto Creek Tributary near Old Iron Town, UT	0.30	8-11-64	2,630	8770