

CITY OF ALBUQUERQUE



December 27, 2016

Richard J. Berry, Mayor

J. Graeme Means, P.E.
High Mesa Consulting Group
4715 Moon St NE
Albuquerque, NM, 87111

**RE: APS NW Educational Corridor
Master Drainage Plan
Engineer's Stamp Date 8-24-2016 (File:J08D003)
Additional Information Received 11-15-2016**

Dear Mr. Means:

Based upon the information provided in your submittal received 11-15-2016, and the original report information received 8-26-2016, the above referenced Drainage Master Plan Report is approved.

If you have any questions, you can contact me at 924-3986.

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

Sincerely,

Abiel Carrillo, P.E.
Principal Engineer, Planning Department
Development Review Services

Orig: Drainage file



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: _____ **Building Permit #:** _____ **City Drainage #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: _____
City Address: _____

Engineering Firm: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Architect: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Check all that Apply:

DEPARTMENT:

____ HYDROLOGY/ DRAINAGE
 ____ TRAFFIC/ TRANSPORTATION
 ____ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

____ ENGINEER/ ARCHITECT CERTIFICATION
 ____ CONCEPTUAL G & D PLAN
 ____ GRADING PLAN
 ____ DRAINAGE MASTER PLAN
 ____ DRAINAGE REPORT
 ____ CLOMR/LOMR
 ____ TRAFFIC CIRCULATION LAYOUT (TCL)
 ____ TRAFFIC IMPACT STUDY (TIS)
 ____ EROSION & SEDIMENT CONTROL PLAN (ESC)
 ____ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ____ Yes ____ No

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

____ BUILDING PERMIT APPROVAL
 ____ CERTIFICATE OF OCCUPANCY
 ____ PRELIMINARY PLAT APPROVAL
 ____ SITE PLAN FOR SUB'D APPROVAL
 ____ SITE PLAN FOR BLDG. PERMIT APPROVAL
 ____ FINAL PLAT APPROVAL
 ____ SIA/ RELEASE OF FINANCIAL GUARANTEE
 ____ FOUNDATION PERMIT APPROVAL
 ____ GRADING PERMIT APPROVAL
 ____ SO-19 APPROVAL
 ____ PAVING PERMIT APPROVAL
 ____ GRADING/ PAD CERTIFICATION
 ____ WORK ORDER APPROVAL
 ____ CLOMR/LOMR
 ____ PRE-DESIGN MEETING
 ____ OTHER (SPECIFY) _____

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: ____

Xc: Lynn Mazur (AMAFCA)



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Architect: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

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☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR
☐ PRE-DESIGN MEETING
☐ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

DATE SUBMITTED: _____ By: _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

THE SITE IS AN UNDEVELOPED PLATTED TRACT LOCATED IN THE ALBUQUERQUE NORTHWEST MESA AREA. THIS MASTER DRAINAGE PLAN HAS BEEN PREPARED TO SUPPORT PHASED CONSTRUCTION ON AN UNDEVELOPED SITE IN ACCORDANCE WITH ESTABLISHED MASTER DRAINAGE PLANS. THE FIRST PHASE OF CONSTRUCTION WILL BE A NEW ALBUQUERQUE PUBLIC SCHOOLS (APS) PRE-K TO 8TH GRADE ELEMENTARY SCHOOL. THIS PHASE OF CONSTRUCTION WILL BE PROVIDED AND MAINTAINED BY APS. THIS PLAN IS SUBMITTED FOR MASTER DRAINAGE PLAN REVIEW AND APPROVAL. THE SECOND PHASE OF CONSTRUCTION WILL BE REQUIRED TO INTERCEPT UPSTREAM AND OUTFLOWS WITHIN THE REMAINING AREAS OF THE SITE ARE DEVELOPED WITH FUTURE PHASES. AS DEMONSTRATED HEREIN, THE PROPOSED DISCHARGES WILL BE CONSISTENT WITH ESTABLISHED MASTER PLANS THAT JUSTIFIED AND IDENTIFIED DOWNSTREAM CAPACITY AND ALLOWABLE DISCHARGES. THE PROPOSED DISCHARGES WILL BE PROVIDED AND MAINTAINED BY APS. THIS PLAN IS SUBMITTED FOR MASTER DRAINAGE PLAN APPROVAL AND TO SUPPORT INDIVIDUAL PHASED PROJECTS THAT WILL FOLLOW THE INTENT OF THIS PLAN. THERE IS NO NEW PUBLIC INFRASTRUCTURE PROPOSED BY THIS PROJECT.

AS SHOWN BY ZONE ATLAS PAGES 7-7/8 & J-7/8 LOCATED HEREON, THE SITE IS LOCATED IN THE CITY OF ALBUQUERQUE NORTHWEST MESA AREA AT THE NORTHWEST CORNER OF THE INTERSECTION OF TIERRA PINTADA BLVD NW AND ARROYO VISTA BLVD NW. THE SITE IS LOCATED WITHIN THE UNINCORPORATED AREA OF THE CITY OF ALBUQUERQUE, NEW MEXICO, AN AMFCA DRAINAGE EASEMENT. THE CURRENT LEGAL DESCRIPTION IS TRACT N-1, WATERSHED SUBDIVISION, ALBUQUERQUE, NEW MEXICO, AS SHOWN BY PLAN 307 OF 825 THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS PUBLISHED BY FLOOD FOR BERNALILLO COUNTY, NEW MEXICO, UPDATED TO REFLECT A LOUR ABOVE WITH THE AFOREMENTIONED DIVERSION DAM 9 DIVERSION AMFCA CHANNEL. IN 2015, THE SITE IS INTERSECTED BY ZONE AE FLOOD HAZARD CONTAINED WITHIN THE USACE

THE SITE WAS PLANNED AND PLATTED BY WESTERN ALBUQUERQUE AND HOLDING LLC (WAHL) FOR SALE TO APS FOR THE PURPOSE OF BUILDING SCHOOL FACILITIES FOR THE COMMUNITY. WAHL CONSTRUCTED THE SURROUNDING PUBLIC INFRASTRUCTURE AS A CONDITION OF PLATTING. NO NEW PLATTING OR PUBLIC DRAINAGE INFRASTRUCTURE IS PROPOSED BY APS. THE DEVELOPMENT OF THE SITE WILL FOLLOW DRAINAGE REPORTS THAT WERE PREPARED BY BHI FOR WAHL TO SUPPORT THE SUBSEQUENT SITE DEVELOPMENT BY APS. THE FOLLOWING DOCUMENTS WERE USED IN THE PREPARATION OF THIS SUBMITTAL:

- #### IV. EXISTING AND RECORD MASTER PLAN CONDITIONS

BASIN 19.1A - THIS BASIN IS UNDEVELOPED. A LARGE PORTION OF THIS BASIN IS OUTSIDE OF THE APS PROPERTY. THE BASIN DRAINS FROM WEST TO EAST BY STEEP FLOW OR BY NATURAL ARROYO INTO THE LADERA DAM 9 DIVERSION AMMCA CHANNEL THAT DIVERTS RUNOFF PREVIOUSLY CROSSING THE APS SCHOOL SITE TO THE SOUTH TO A SERIES OF POND AND DAMS LOCATED NEXT TO THE APS COMMUNITY STADIUM SOUTH OF ARROYO VISTA BLVD. THE BHI REPORTS ESTABLISHED AN ALLOWABLE DEVELOPMENT DISCHARGE OF 186.3 CFS FROM THIS BASIN TO THE DIVERSION CHANNEL BASED UPON LAND TREATMENT ASSUMPTIONS OF 0% A, 30.5% B, 30.5% C, AND 39% D.

BASIN 19-24 THIS BASIN IS UNDEVELOPED. THIS BASIN COMBINES THE MAJORITY OF THE APS SITE. THE BASIN DRAINS FROM WEST TO EAST BY SHEET FLOW AND NATURAL ARROYOS TO AN EXISTING PUBLIC STORM DRAIN SYSTEM THAT CROSSES UNDER TIERRA PINTADA TO THE DOWNSTREAM STORMCULUD SUBDIVISION STORM DRAIN THROUGH A CROSSING REFERRED TO BY THE BH APPLICANTS AS STRUCTURE 5-1, AN EXISTING 60" RCP THAT HAS A 48" RCP STUB OUT WITH PRECAST END SECTION INTO THE APS SITE. STRUCTURE 5-1 DRAINS UNDER TIERRA PINTADA TO THE STORMCULUD SUBDIVISION STORM DRAIN WITH AN ULTIMATE OFFRSET TO THE RIGHT. THE BH APPLICANTS ESTABLISHED AN ALLOWABLE DISCHARGE FROM THIS BASIN OF 104.5 CFS BASED ON THE 100-YR UPLAND LAND-USE ASSUMPTIONS OF DRA A, 23.4% B, 23.4% C, AND 53.2% D WITH 100% CFS PROGRAMMED TO DRAIN INTO STRUCTURE 5-1, AND THE REMAINING DISCHARGE IDENTIFIED TO BE DIVERTED NORTH TO STRUCTURE 5-2 AS DESCRIBED BY THE FOLLOWING.

BASIN 19.2B - THIS BASIN IS UNDEVELOPED. THE MAJORITY OF THIS BASIN LIES WITHIN AFS PROPERTY. THE BASIN DRAINS FROM NORTHWEST TO SOUTHEAST BY SHEET FLOW AND NATURAL ARROYOS TO AN EXISTING PUBLIC STORM DRAIN SYSTEM THAT CROSSES UNDER TIERRA PINTADA TO THE DOWNSTREAM STORMCLOUD SUBDIVISION SYSTEM THROUGH A CROSSING REFERRED TO BY THE BHI REPORTS AS STRUCTURE S-2, AN EXISTING 48" RCP WITH A PRECAST END SECTION. THE BHI REPORTS ESTABLISHED AN ALLOWABLE DEVELOPED DISCHARGE FROM THIS BASIN OF 23.3 CFS WITH A COMBINED PEAK 100-YEAR FLOW RATE OF 215.2 CFS PROGRAMMED TO DRAIN INTO STRUCTURE S-2 FROM BASIN 17.1A, BASIN 19.2B, BASIN 19.2A, AND 19.1B.

BASIN UD.4A-- THIS BASIN INCLUDES THE DEVELOPED PUBLIC RIGHT-OF-WAY FOR ARROYO VISTA THAT DRAINS FROM WEST TO EAST ALONG WITH THE SOUTHERN UNDEVELOPED PORTION OF THE APS SITE THAT DRAINS TO ARROYO VISTA. ARROYO VISTA IS A PAVED PUBLIC STREET WITH CURB AND GUTTER AND A PUBLIC STORM DRAIN. THE BHI REPORTS ESTABLISHED AN ALLOWABLE DEVELOPED DRAINAGE RATE OF 1.0 CFS PER ACRE. THE BASIN DRAINS TO THE NORTH AND EAST IN THE NORTH-EAST CORNER OF THE RUMFORD. FROM THIS BASIN IS INTERCEPTED BY CURB INLETS IN ARROYO VISTA AND CONVEYED TO THE NORTH-EAST CORNER OF THE 36" PUBLIC STORM DRAIN LOCATED IN A PUBLIC CITY OF ALBUQUERQUE STORM DRAIN EASEMENT ALONG THE EASTERN EDGE OF THE TRACT WITH AN OUTFALL TO STRUCTURE S-1 THAT ULTIMATELY DRAINS TO THE AMAFCA DAM 9.

BASIN L7.1A-- THIS BASIN IS UNDEVELOPED AND LIES WITHIN APS PROPERTY. THE BASIN DRAINS FROM WEST TO EAST INTO AN UNLINED GRADED CHANNEL THAT CARRIES AND FLOWS INTO THE ADJACENT BASIN L9.2A TO THE NORTHEAST. THE BHI REPORTS ESTABLISHED AN ALLOWABLE DEVELOPED DISCHARGE FROM THIS BASIN OF 12.0 CFS BASED UPON LAND TREATMENT ASSUMPTIONS OF 0% A, 16.7% B, 33.3% C, AND 50% D.

BASIN 12.19D/20A - THIS BASIN IS UNDEVELOPED AND LIES WITHIN AFS PROPERTY AND CURRENTLY CONTINUES EAST OFF SITE. THE BASIN DRAINS FROM WEST TO EAST BY SHEET FLOW AND NATURAL ARROYOS AND CONTINUES OFF TO AN EXISTING PUMP-OUT STORM DRAIN SYSTEM THAT CROSSES UNDER TIERRA PINATA TO THE DOWNSTREAM STORMCULOD SUBDIVISION SYSTEM THROUGH A CROSSING REFERRED TO BY THE BHI REPORTS AS STRUCTURE S-3, AN EXISTING 66" RCP LINE. THE BHI MIREHAVEN REPORT IDENTIFIES AN EXISTING DISCHARGE FROM THIS BASIN OF 6.4 CFS WITH THE STIPULATION THAT DEVELOPED RUNOFF FROM THIS BASIN SHALL NOT DRAIN TO PROPOSED MIREHAVEN PARKWAY.

THE FIRST PHASE OF CONSTRUCTION IS THE PRE-K THROUGH 8 SCHOOL AT THE EASTERN END OF THE SITE WHICH WILL ALSO INCLUDE FRACTIONAL INFRASTRUCTURE TO ACCOMMODATE FUTURE UPSTREAM DEVELOPMENT AND THE INTERIM CONDITION. SOME OF THE EXISTING BASINS LIMITS WILL SHAVE AS RESULT OF THE NEW CONSTRUCTION. THE MONTAGNE BLANCHE/QUEBEC HIGHWAY LOCATED AT THE EAST END OF THE SITE. THE POND IS DESIGNED TO RETAIN 65,550 OF WHICH IS GREATER THAN THE REQUIRED FIRST FLUSH REQUIRED VOLUME OF 19,800 OF AND ALSO GREATER THAN THE 2-YEAR VOLUME TO MEET LEED REQUIREMENT. THE POND WILL BE CONSTRUCTED WITH A 1:2:1 SLOPE. DEPRESSED LANDSCAPING WILL ALSO BE USED WERE POSSIBLE TO CAPTURE RUNOFF THROUGHOUT THE SITE AS A BEST PRACTICE.

BASIN L9.1A - THERE IS NO PROPOSED DEVELOPMENT WITHIN THIS BASIN AND IT WILL MAINTAIN EXISTING DRAINAGE CONDITIONS

BASIN 19.18-- THIS BASIN WILL BE DIVIDED INTO 4 SUB-BASINS AS SHOWN ON SHEET MDP-102. A PORTION OF THIS BASIN WILL BE DEVELOPED WITH THE NEW PRE-K TO 8 SCHOOL. DEVELOPMENT WILL INCLUDE A NEW SCHOOL BUILDING, LANDSCAPING, PAVED ROADS AND OTHER SITE IMPROVEMENTS. THE OFFSITE PORTION OF THIS BASIN WILL REMAIN UNAFFECTED BY PHASE 1 CONSTRUCTION AND WILL BE ACCEPTED, COLLECTED, AND RELEASED INTO THE NEW PRIVATE STORM DRAIN SYSTEM. THE NEW STORM DRAIN SYSTEM IS DESIGNED TO HANDLE THE FUTURE CONDITIONS FOR THIS SITE AND WILL DRAIN TO A NEW DETENTION POND LOCATED AT THE EAST END OF THE SITE IN BASIN 19.2B.

SUB-BASIN L9.1B-OFFSITE- THIS BASIN CONSISTS OF 29.6 ACRES OF PETROGLYPH NATIONAL PARK LOCATED TO THE NORTH OF THE SITE. THE BASIN WILL CONTINUE TO DRAIN INTO THE APS SITE, SUB BASIN L9.1B-1, BY A NATURAL ARROYO WITH AN UNDEVELOPED PEAK 100-YEAR DISCHARGE OF 57.7 CFS.

SUB-BASIN L9.19-1-1 THIS SUB-BASIN WILL REMAIN UNDEVELOPED AND WILL CONTAIN A NEW SEDIMENT COLLECTION POND SIZED TO COLLECT AND CONVEY OFFSITE FLOWS FROM ITSELF AND SUB-BASIN L9.19-OFFSITE. THE POND OUTLET (AP-1) WILL BE SET 2 FEET ABOVE THE POND BOTTOM TO PREVENT SEDIMENT FROM ENTERING THE NEW STORM DRAIN AND TO GIVE APS TIME TO PERFORM POND MAINTENANCE AS NEEDED IN THE FUTURE. THIS TYPE OF DRAINAGE STRATEGY WILL BE USED THROUGHOUT THE SITE.

SUB-BASIN L9.1B-2 THIS SUB-BASIN WILL CONTAIN A NEW BASE COURSE PARKING LOT AND ROADWAY FOR NATIONAL PARK. ACROSS L9.1B-2 DRAIN FROM NORTHWEST TO SOUTHEAST TO A NEW SEDIMENT/COLLECTION POND SIZED TO COLLECT AND CONVEY DEVELOPED FLOWS AND CONVEY THEM INTO THE NEW PRIVATE ON-SITE DRAINAGE SYSTEM AT AP-2. THE POND OUTLET WILL BE SET 2 FEET ABOVE THE POND BOTTOM TO PREVENT SEDIMENT FROM ENTERING THE NEW STORM DRAIN AND TO GIVE APS TIME TO PERFORM POND MAINTENANCE AS NEEDED IN THE FUTURE.

SUB-BASIN L9.1B-3- THIS SUB-BASIN WILL CONTAIN A PORTION OF THE NEW SCHOOL BUILDING, BUS AND FIRE LANE, CONCRETE SIDEWALKS, AND LANDSCAPING. THE RUNOFF FROM THIS AREA WILL BE COLLECTED BY ROOF DRAINS AND STORM INLETS INTO THE NEW PRIVATE STORM DRAINAGE SYSTEM AT AP-3. THE NEW SYSTEM WILL CONVEY THE DEVELOPED RUNOFF FROM THIS SUB-BASIN AND THE UPSTREAM BASINS INTO THE NEW WATER QUALITY / DETENTION POND LOCATED IN BASIN L9.2B.

BASIN 19.2A-- THIS SUB-BASIN WILL BE DIVIDED INTO 6 SUB-BASINS AS SHOWN ON SHEET MDP-103. A PORTION OF THIS BASIN WILL BE DEVELOPED WITH THE NEW PRE-K TO 8 SCHOOL. DEVELOPMENT WILL INCLUDE A NEW SCHOOL BUILDING, LANDSCAPING, PAVED ROADS, OTHER SITE IMPROVEMENTS, AND PERMANENT AND TEMPORARY DRAINAGE IMPROVEMENTS. TEMPORARY SEDIMENT/COLLECTION PONDS WILL BE CONSTRUCTED AT THE WEST LIMITS OF CONSTRUCTION TO INTERCEPT EXISTING FLOWS FROM UNPAVED DEVELOPED SUB-BASINS. THE POND OUTLETS WILL BE SET 10 FEET ABOVE THE POND BOTTOMS TO PREVENT EXCESSIVE SEDIMENTATION. EXISTING FLOWS FROM THE BASIN WILL BE DIVERTED TO THE MAINTENANCE POND FOR FUTURE USE. THE TEMPORARY PONDS WILL RELEASE INTO THE NEW DRAINAGE SYSTEM THAT WILL CONVEY FLOW WEST TO THE EXISTING "S-1" STRUCTURE AND THE DETENTION POND LOCATED AT THE END OF THE SITE. THE PIPE OUTLETS INSTALLED AT EACH TEMPORARY POND WILL BE SIZED TO HANDLE FUTURE DEVELOPED CONDITIONS FLOW RATES.

SUB-BASIN 19.2A-1 - THERE WILL BE NO MAJOR DEVELOPMENT IN THIS SUB-BASIN. THIS SUB-BASIN WILL CONTINUE TO FLOW FROM WEST TO EAST AND CONTINUE TO ACCEPT OFFSITE FLOWS FROM THE NORTH. A TEMPORARY POND WILL BE CONSTRUCTED AT THE EAST END OF THE SUB-BASIN TO COLLECT EXISTING FLOWS THAT WILL BE BLOCKED FROM FOLLOWING EXISTING DRAINAGE PATTERNS BY THE NEW BUS ROAD, AND RELEASE THEM INTO THE NEW PRIVATE DRAINAGE SYSTEM (AP-6). THE POND OUTLET WILL BE SET 2 FEET ABOVE THE POND BOTTOM TO PREVENT SEDIMENT FROM ENTERING THE NEW STORM DRAIN AND TO GIVE APS TIME TO PERFORM POND MAINTENANCE AS NEEDED IN THE FUTURE. THE POND OUTLET WILL BE A 30" STUB-OUT DESIGNED TO

SUB-BASIN 1.9.2A-2 THERE WILL BE NO MAJOR DEVELOPMENT IN THIS SUB-BASIN. THIS SUB-BASIN WILL CONTINUE TO FLOW FROM WEST TO EAST. THE MAIN POND WILL BE CONSTRUCTED AT THE EAST END OF THE SUB-BASIN TO COLLECT EXISTING FLOWS THAT WILL BE BLOCKED FROM FOLLOWING EXISTING DRAINAGE PATTERNS BY THE NEW BUS ROAD AND RELEASE THEM INSTEAD INTO THE NEW PRIMARY DRAINAGE SYSTEM (AP). THE POND OUTLET WILL BE 48" DIAMETER, 10 FEET ABOVE THE POND BOTTOM TO PREVENT SEDIMENT FROM ENTERING THE NEW STORM DRAIN AND TO GIVE APS TIME TO PERFORM POND MAINTENANCE AS NEEDED IN THE FUTURE. THE POND OUTLET WILL BE A 48" STUB-OUT DESIGNED TO HANDLE FUTURE SUB-BASIN DEVELOPMENT.

SUB-BASIN 19.22A-3) THERE WILL BE NO MAJOR DEVELOPMENT IN THIS SUB-BASIN. THIS SUB-BASIN WILL CONTINUE TO FLOW FROM WEST TO EAST. A SEDIMENT / COLLECTION POND WILL BE CONSTRUCTED AT THE EAST END OF THE SUB-BASIN TO COLLECT EXISTING FLOWS THAT WILL BE BLOCKED FROM FOLLOWING EXISTING DRAINAGE PATTERNS BY THE NEW BUS ROAD, AND RELEASE THEM INTO THE EXISTING DRAINAGE SYSTEM (SUB-BASIN 19.22B-3). THE POND WILL BE SET 2 FEET ABOVE THE POND BOTTOM TO PREVENT SEDIMENT FROM ENTERING THE NEW STORM DRAIN AND TO GIVE APS TIME TO PERFORM POND MAINTENANCE AS NEEDED IN THE FUTURE. THE POND OUTLET WILL BE AN 18" STUB-OUT DESIGNED TO HANDLE EXISTING AND FUTURE SUB-BASIN DEVELOPMENT OR MODIFICATIONS.

SUB-BASIN 19.26-4-4. THERE WILL BE NO MAJOR DEVELOPMENT IN THIS SUB-BASIN. THIS SUB-BASIN WILL CONTINUE TO FLOW FROM WEST TO EAST. A SEDIMENT / COLLECTION POND WILL BE CONSTRUCTED AT THE EAST END OF THE SUB-BASIN TO COLLECT EXISTING FLOWS THAT WILL BE BLOCKED FROM FOLLOWING EXISTING DRAINAGE PATTERNS BY THE NEW BUS ROAD, AND RELEASE THEM INTO THE NEW PRIVATE DRAINAGE SYSTEM (AP-8). THE POND OUTLET WILL BE SET 2 FEET ABOVE THE POND BOTTOM TO PREVENT FLOODING FROM ENTERING THE NEW STORM DRAIN AND TO GIVE APS TIME TO PERFORM MAINTENANCE AS NEEDED IN THE FUTURE. THE POND OUTLET WILL BE A 24" LINE DESIGNED TO HANDLE EXISTING AND FUTURE SUB-BASIN DEVELOPMENT OR MODIFICATIONS.

SUB-BASIN 19.2A-5- THERE IS A PROPOSED MAJOR DEVELOPMENT FOR THIS BASIN. THIS SUB-BASIN WILL CONTINUE TO DRAIN FROM WEST TO EAST INTO THE EXISTING GRADED CHANNEL THAT RUNS ALONG TIERRA PINTADA BLVD. NW. THE EXISTING CHANNEL WILL DISCHARGE INTO A NEW INLET STRUCTURE THAT WILL CONNECT TO THE NEW PRIVATE STORM DRAIN SYSTEM LOCATED IN 19.2A-8 (AP-11). THIS BASIN WILL CONTINUE TO ACCEPT FLOWS FROM THE ADJACENT BASIN 19.2A-11 WHICH ALSO CURRENTLY DRAINS TO THE AFOREMENTIONED GRADED CHANNEL. AS PART OF THIS PHASE 1 OF CONSTRUCTION, THERE WILL BE 24" STORM DRAIN STUDS INSTALLED FOR FUTURE DEVELOPMENT OF THIS AREA.

BUS-BASIN 19.2A-6: THIS SUB-BASIN INCLUDES A SOUTH SECTION OF THE NEW SCHOOL BUILDING, A LARGE PORTION OF THE BUS ACCESS LOOP, STUDENT DROP-OFF AND FIRE LANES, NEW PAVED PARKING LOTS, AND LANDSCAPING. THE RUNOFF GENERATED BY THESE AREAS WILL BE COLLECTED IN AN UNDERGROUND DRAINAGE SYSTEM THAT WILL BE INSTALLED TO SERVE THE ENTIRE BASIN. THE SYSTEM AT NUMEROUS LOCATIONS THAT CONCENTRATE AT AP-11, THE NEW SYSTEM WILL BE SIZED TO HANDLE THE FUTURE DEVELOPED CONDITION OF THE UPSTREAM BASINS, AS DESCRIBED ABOVE. BASIN 19.2A CURRENTLY DISCHARGES TO EXISTING DRAINAGE STRUCTURE 19.2B. THE EXISTING STRUCTURE IS NOT DESIGNED TO HANDLE THE VOLUMES OF WATER THAT WILL BE GENERATED BY THE PROJECT, AS DESCRIBED BY THE BH REPORTS; FLOW MUST BE DIVERTED AT THIS LOCATION WITH RUNOFF EXCEEDING 106 CFS BEING DIVERTED TO THE NORTHEAST TO STRUCTURE 5-7Z. IN ORDER TO MEET THIS REQUIREMENT A NEW STORM DRAIN MANHOLE WILL BE CONSTRUCTED TO RECEIVE THE OVERFLOW FROM STRUCTURE 19.2B. THE NEW STRUCTURE WILL BE SIZED TO HANDLE THE DESIGN FLOW OF BASIN 19.2B TO MEET LEAD WATER QUALITY QUANTITY AND COA FIRST FLUSH REQUIREMENTS. THE OUTLET PIPE TO THE NORTHEAST FROM THE SPLITTER MANHOLE TO THE POND WILL BE AT AN ELEVATION BELOW THAT OF THE SECONDARY OUTLET TO STRUCTURE 19.2B. THE POND WILL BE USED FOR DETENTION OF LEAD WATER QUALITY QUANTITY AND COA FIRST FLUSH ONLY. IT WILL ONLY BE A DISCHARGE OF UNTREATED RUNOFF TO STRUCTURE 5-1 FOR LARGER EVENTS IN THIS INTERIM PHASE 1 CONDITION THE WATER QUALITY TREATMENT POND WILL BE USED FOR DETENTION OF LEAD WATER QUALITY QUANTITY AND COA FIRST FLUSH ONLY. THE WATER QUALITY DETENTION POND SHALL HAVE A MINIMUM DETENTION TIME OF 2 HOURS.

SUB-BASIN 19.2B-- THIS SUB-BASIN WILL CONTAIN A NEW TRACK AND ATHLETIC FIELD AND A NEW DETENTION POND AND WILL CONTINUE TO DRAIN FROM WEST TO EAST. THE NEW DETENTION/WATER QUALITY POND IS DESIGNED TO RETAIN 65,500 OF WHICH IS GREATER THAN THE 49,920 CF GENERATED BY THE PROPOSED 2-YR STORM TO MEET LEED REQUIREMENT SS6.1, AND ALSO EXCEEDS THE 19,800 OF CDA FIRST FLUSH REQUIREMENT FOR BOTH PHASE 1 AND THE 53,010 OF REQUIREMENT FOR FULL BUILDOUT. THE PROPOSED POND WILL HAVE A RAISED OUTLET WITH A PEAK DISCHARGE OF 101.9 CFS TO EXISTING STRUCTURE S-2 WHICH IS LESS THAN THE ALLOWABLE DISCHARGE RATE OF 215.2 CFS INDICATED IN THE ABOVE REFERENCED DRAINAGE REPORTS.

BASIN L12.19D/20A - THIS BASIN WILL INCLUDE A NEW BASE COURSE ROADWAY AND PARKING LOT FOR NATIONAL PARK ACCESS. THE BASIN WILL CONTINUE TO DRAIN FROM WEST TO EAST AND BE COLLECTED BY A NEW INLET (AP-4) AND BE CONVEYED TO THE WATER QUALITY DETENTION POND LOCATED IN BASIN L9.2B. RUNOFF WILL NO LONGER FLOW OFF SITE AS REQUIRED BY THE BUREAU OF MIREHAWAN REPORT.

BASIN UD.4A- THIS BASIN WILL HAVE A NEW BUS ROAD CONSTRUCTED CROSSING THROUGH IT BUT OTHERWISE REMAIN UNAFFECTED BY PHASE 1 CONDITION. THIS BASIN WILL CONTINUE TO DRAIN SOUTH TO ARROYO VISTA BLVD.

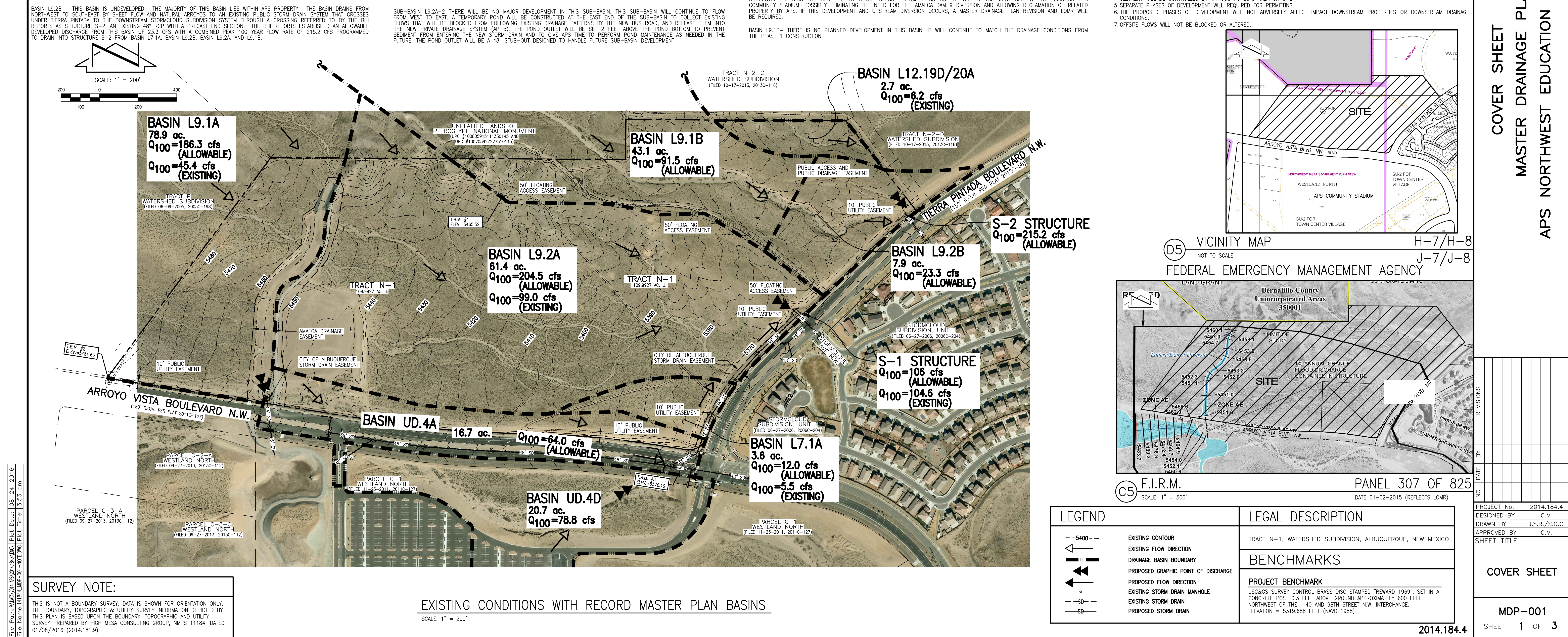
BASIN L7.1A- THERE IS NO PROPOSED DEVELOPMENT WITHIN THIS BASIN IN PHASE 1 AND, AND IT WILL CONTINUE TO DRAIN FROM WEST TO EAST INTO AN UNLINED GRADED CHANNEL THAT CONTINUES NORTHEAST INTO SUB-BASIN L-9.2A-5 AND TO AP-11.

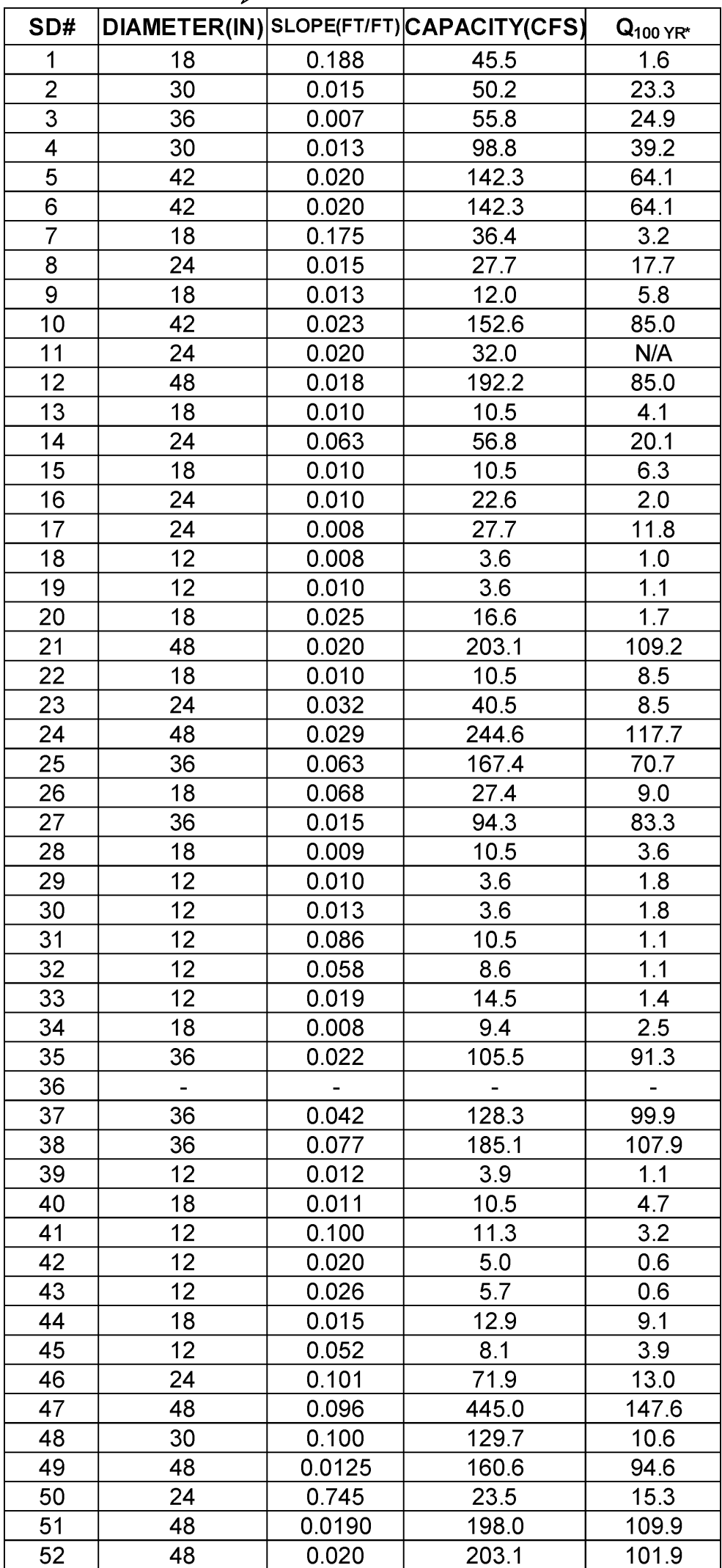
IN ADDITION TO THE PROPOSED PHASE 1 ON-SITE APS DEVELOPMENT, THIS PLAN RECOGNIZES THE PROPOSED DEVELOPMENT BY PULTE HOMES INCLUDING PROPOSED MIREVAH PARKWAY ALONG THE NORTHEAST SIDE OF THE SITE THAT INCLUDES A STORM DRAIN THAT WILL ALSO DISCHARGE INTO STRUCTURE S-2 WITH A PEAK DEVELOPED FLOW RATE OF 37.7 CFS (SEE REFERENCE 4). THE PROPOSED APS DISCHARGE TO STRUCTURE S-2 WILL ALLOW CONNECTION IN THE FUTURE BY PULTE AND TAKES THIS DISCHARGE INTO ACCOUNT WITH RESPECT TO THE ALLOWABLE DISCHARGE TO STRUCTURE S-2.

PHASES OF CONSTRUCTION WILL TENTATIVELY INCLUDE AN EARLY CHILDHOOD FACILITY, HEALTH CLINIC, BUS PARKING LOT AND DEPUTY, AND A MAGNET HIGH SCHOOL BUILDING. THE FIRST FLUSH AND DETENTION REQUIREMENTS FOR THESE SUBSEQUENT PHASES OF CONSTRUCTION WILL BE MET BY THE DETENTION/WATER QUALITY POND CONSTRUCTED IN PHASE 1, AND LOCATED ABOUT 1.25 AC. THE POND WILL BE DESIGNED TO DETAIN AND TREAT 100% OF THE FIRST FLUSH OF RAINFALL. THE POND WILL BE CAPABLE OF CAPTURING 53,010 CF OF REQUIRED FOR ALL PHASES OF CONSTRUCTION. DEPRESSED LANDSCAPING WILL ALSO BE USED WHERE POSSIBLE TO CAPTURE RUNOFF THROUGHOUT THE SITE. ALTHOUGH SIZE TO ADDRESS LEED REQUIREMENTS FOR PHASE 1, THE POND IS NOT SIZED TO ADDRESS LEED CREDITS FOR DETENTION AND TREATMENT OF RAINFALL. FOR ADDITIONAL MEASURES WITHIN THE POND, RESPECTIVE SITES IF LEED CREDITS FOR STORMWATER QUALITY AND/OR QUANTITY ARE PURSUED.

BASIN 19.1A - THERE IS NO PLANNED DEVELOPMENT WITHIN THIS BASIN, AND IT WILL CONTINUE TO FOLLOW EXISTING DRAINAGE CONDITIONS. IT IS ANTICIPATED THAT FUTURE UPSTREAM PRIVATE RESIDENTIAL DEVELOPMENT WILL DIVERT THE OFFSITE FLOWS CURRENTLY ENTERING THE APS SITE TO A 54" STUBOUT FROM POND 5S LOCATED AT THE WEST SIDE OF THE EXISTING APS COMMUNITY STADIUM, POSSIBLY ELIMINATING THE NEED FOR THE AMAFCA DAM 9 DIVERSION AND ALLOWING RECLAMATION OF RELATED PROPERTY BY APS. IF THIS DEVELOPMENT AND UPSTREAM DIVERSION OCCURS, A MASTER DRAINAGE PLAN REVISION AND LOMR WILL BE REQUIRED.

BASIN L9.1B- THERE IS NO PLANNED DEVELOPMENT IN THIS BASIN. IT WILL CONTINUE TO MATCH THE DRAINAGE CONDITIONS FROM THE PHASE 1 CONSTRUCTION.





DRAINAGE BASIN	AREA (AC)		LAND TREATMENTS (COA D P M)					VOLUME OF RUNOFF(CF)	PEAK DISCHARGE (CFS)
	DEVELOPED	DEVELOPED (%)	DEVELOPED (%)				DEVELOPED	DEVELOPED	
			A	B	C	D			
L9 2A-1	17.2	18	22	0	0	100 YR	100 YR		
L9 2A-2	12.6	97	3	0	0	37.577	32.3		
L9 2A-3	2.8	70	15	15	0	28.706	23.3		
L9 2A-4	6.0	70	15	15	0	15.377	12.1		
L9 2A-5	6.7	95	5	0	0	15.333	11.8		
L9 2A-6	13.9	0	46	46	3	95.344	94.9		
L9 1B-1	2.7	0	47	47	6	16.683	13.1		
L9 1B-2	2.7	0	40	40	20	12.327	9.0		
L9 1B-3	5.4	0	18	18	64	32.060	20.1		
L9 1B-4	7.7	0	43	42	15	32.469	24.2		
L12 9ID20A	2.7	0	43	43	14	10.716	8.1		
L7 1A	3.5	-	-	-	-	13.634	5.5		
UD 4A	6.1	-	-	-	-	26.441	11.7		
L9 1B0FF	29.6	-	-	-	-		57.7		
L10 1A	119.4	-	-	-	-	334.018	298.3		

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THE BOUNDARY, TOPOGRAPHIC & UTILITY SURVEY INFORMATION DEPICTED BY
THIS PLAN IS BASED UPON THE BOUNDARY, TOPOGRAPHIC AND UTILITY
SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, NMPS 11184, DATED
01/08/2016 (2014.181.9).



DRAINAGE BASIN	AREA (AC)	LAND TREATMENTS (COA D P M)				VOLUME OF RUNOFF(CF)	PEAK DISCHARGE (CFS)		
		DEVELOPED	DEVELOPED (%)					DEVELOPED	DEVELOPED
			A	B	C				
L9-2A-1	21.1	0	13	13	74	100 YR	82.3		
L9-2A-2	12.6	0	46	31	23	134 BRR	100 YR		
L9-2A-3	2.3	0	80	20	0	6.534	5.3		
L9-2A-4	2.6	0	50	50	0	8.320	6.8		
L9-2A-5	6.7	0	22	22	56	38.160	25.2		
L9-1B-6	1.9	0	46	46	8	30.474	54.9		
L9-1B-1	2.7	0	47	47	6	16.683	13.1		
L9-1B-2	2.7	0	40	40	20	12.327	9.0		
L9-1B-3	5.4	0	18	18	64	32.060	20.1		
L9-1B-9	2.7	0	43	43	15	32.498	24.2		
L12-9/D20A	2.7	0	43	43	14	10.716	8.1		
L7-1A	3.5	0	46	46	8	13.634	10.6		
UD-4A	6.1	-	38	38	24	26.441	11.7		
L9-1B0FF	29.6	-	-	-	-	-	57.7		
TOTAL	119.5	-	-	-	-	479,552	399.3		

SD#	DIAMETER(IN)	SLOPE(F/FT)	CAPACITY(CYFS)	Q100 YR
1	18	0.188	45.5	1.6
2	30	0.015	50.2	40.3
3	36	0.007	55.8	42.0
4	30	0.013	98.8	89.2
5	42	0.020	142.3	131.2
6	42	0.020	142.3	131.2
7	18	0.175	36.4	3.2
8	24	0.015	27.7	12.1
9	18	0.013	12.0	5.8
10	42	0.023	153.6	147.0
11	24	0.020	32.0	25.2
12	48	0.018	192.2	172.2
13	18	0.010	10.5	4.1
14	24	0.063	56.8	20.1
15	18	0.010	10.5	6.3
16	24	0.010	22.6	2.0
17	24	0.008	27.7	11.8
18	12	0.008	3.6	1.0
19	12	0.010	3.6	1.1
20	18	0.025	16.6	1.6
21	48	0.020	203.1	197.4
22	18	0.010	10.5	8.5
23	24	0.032	40.5	8.5
24	48	0.029	244.6	204.8
25	36	0.063	167.4	70.7
26	18	0.068	27.4	9.0
27	36	0.015	94.3	83.3
28	18	0.009	10.5	3.6
29	12	0.010	3.6	1.8
30	12	0.013	3.6	1.8
31	12	0.086	10.5	1.1
32	12	0.058	8.6	1.1
33	12	0.019	14.5	1.4
34	18	0.008	9.4	2.5
35	36	0.022	105.5	91.3
36	-	-	-	-
37	36	0.042	128.3	99.9
38	36	0.077	185.1	107.9
39	12	0.012	3.9	1.1
40	18	0.011	10.5	4.7
41	12	0.100	11.3	3.2
42	12	0.020	5.0	0.6
43	12	0.026	5.7	0.6
44	18	0.015	12.9	9.1
45	12	0.052	8.1	3.9
46	24	0.101	71.9	13.0
47	48	0.096	445.0	225.4
48	30	0.100	128.7	10.6
49	48	0.025	150.6	121.1
50	24	0.175	23.5	15.3
51	48	0.0190	198.0	137.1
52	48	0.020	203.1	105.1

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01/08/2016 (2014.181.9).



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: _____ **Building Permit #:** _____ **City Drainage #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: _____
City Address: _____

Engineering Firm: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Architect: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Check all that Apply:

DEPARTMENT:

____ HYDROLOGY/ DRAINAGE
 ____ TRAFFIC/ TRANSPORTATION
 ____ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

____ ENGINEER/ ARCHITECT CERTIFICATION
 ____ CONCEPTUAL G & D PLAN
 ____ GRADING PLAN
 ____ DRAINAGE MASTER PLAN
 ____ DRAINAGE REPORT
 ____ CLOMR/LOMR
 ____ TRAFFIC CIRCULATION LAYOUT (TCL)
 ____ TRAFFIC IMPACT STUDY (TIS)
 ____ EROSION & SEDIMENT CONTROL PLAN (ESC)
 ____ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

____ BUILDING PERMIT APPROVAL
 ____ CERTIFICATE OF OCCUPANCY
 ____ PRELIMINARY PLAT APPROVAL
 ____ SITE PLAN FOR SUB'D APPROVAL
 ____ SITE PLAN FOR BLDG. PERMIT APPROVAL
 ____ FINAL PLAT APPROVAL
 ____ SIA/ RELEASE OF FINANCIAL GUARANTEE
 ____ FOUNDATION PERMIT APPROVAL
 ____ GRADING PERMIT APPROVAL
 ____ SO-19 APPROVAL
 ____ PAVING PERMIT APPROVAL
 ____ GRADING/ PAD CERTIFICATION
 ____ WORK ORDER APPROVAL
 ____ CLOMR/LOMR
 ____ PRE-DESIGN MEETING
 ____ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ____ Yes ____ No

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: ____

APS NW CORRIDOR AHYMO FILES

11/11/16

Prepared by:

High Mesa Consulting Group

HMCG#2014.184.4

Drainage File: J08D003

PHASE 1

CONDITION


```

*2345678901234567890
*
* 100 year, 24 hour storm
*
* Phase 1 Buildout
*
* HMCJ JOB NUMBER 2014.184.4
* APS NORTHWEST EDUCATION CORRIDOR
*
*
START          TIME = 0.0 HR PUNCH CODE = 0 PRINT LINES = -1
*
* RAINFALL DATA FROM NOAA Atlas 14, Volume 1, Version 5
*
RAINFALL          TYPE = 1 RAIN QUARTER = 0.0
                  RAIN ONE = 1.80 IN RAIN SIX = 2.31 IN
                  RAIN DAY = 2.62 IN DT = 0.03333
*
* COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF PHASE 1 CONDITION(ON-SITE)
*
* BASIN L9.2A-1
*
COMPUTE NM HYD    ID = 1 HYD NO = L9.2A_1 AREA = 0.03288 SQ MI
                  PER A = 0.00 PER B = 12.95 PER C = 12.95 PER D = 74.1
                  TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD         ID = 1 CODE = 1
*
* BASIN L9.2A-2
*
COMPUTE NM HYD    ID = 2 HYD NO = L9.2A_2 AREA = 0.02071 SQ MI
                  PER A = 0.00 PER B = 45.63 PER C = 31.58 PER D = 22.79
                  TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD         ID = 2 CODE = 1
*
* BASIN L9.2A-3
*
COMPUTE NM HYD    ID = 3 HYD NO = L9.2A_3 AREA = 0.00329 SQ MI
                  PER A = 0.00 PER B = 80.00 PER C = 20.00 PER D = 00.00
                  TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD         ID = 3 CODE = 1
*
* BASIN L9.2A-4
*
COMPUTE NM HYD    ID = 4 HYD NO = L9.2A_4 AREA = 0.00388 SQ MI
                  PER A = 0.00 PER B = 50.00 PER C = 50.00 PER D = 00.00
                  TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD         ID = 4 CODE = 1
*
* BASIN L9.2A-5
*
COMPUTE NM HYD    ID = 5 HYD NO = L9.2A_5 AREA = 0.01090 SQ MI
                  PER A = 0.00 PER B = 22.53 PER C = 22.53 PER D = 54.94
                  TP = -0.13333 HRS MASS RAIN = -1

```



```

PRINT HYD      ID = 5  CODE = 1
*
*  BASIN L9.2A-6
*
COMPUTE NM HYD  ID = 6  HYD NO = L9.2A_6  AREA = 0.02169 SQ MI
      PER A = 0.00 PER B = 11.52 PER C = 11.52  PER D = 76.96
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 6  CODE = 1
*
*  BASIN L7.1A
*
COMPUTE NM HYD  ID = 7  HYD NO = L7.1A  AREA = 0.00575 SQ MI
      PER A = 0.00 PER B = 45.76 PER C = 45.76  PER D = 08.48
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 7  CODE = 1
*
*  BASIN UD.4A (SITE)
*
COMPUTE NM HYD  ID = 8  HYD NO = UD.4A  AREA = 0.00955 SQ MI
      PER A = 0.00 PER B = 38.22 PER C = 38.22  PER D = 23.56
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 8  CODE = 1
*
*  BASIN L9.1B_1
*
COMPUTE NM HYD  ID = 9  HYD NO = L9.1B_1  AREA = 0.00720 SQ MI
      PER A = 0.00 PER B = 46.78 PER C = 46.78  PER D = 06.44
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 9  CODE = 1
*
*  BASIN L9.1B_2
*
COMPUTE NM HYD  ID = 10  HYD NO = L9.1B_2  AREA = 0.00462 SQ MI
      PER A = 0.00 PER B = 40.11 PER C = 40.11  PER D = 19.78
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 10  CODE = 1
*
*  BASIN L9.1B_3
*
COMPUTE NM HYD  ID = 11  HYD NO = L9.1B_3  AREA = 0.00839 SQ MI
      PER A = 0.00 PER B = 18.18 PER C = 18.18  PER D = 63.64
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 11  CODE = 1
*
*  BASIN L9.2B
*
COMPUTE NM HYD  ID = 12  HYD NO = L9.2B  AREA = 0.01274 SQ MI
      PER A = 0.00 PER B = 42.49 PER C = 42.49  PER D = 15.02
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 12  CODE = 1
*
*  BASIN L12.19D/20A
*
COMPUTE NM HYD  ID = 13  HYD NO = L12.19D/20A  AREA = 0.00426 SQ MI

```


PER A = 0.00 PER B = 43.05 PER C = 43.05 PER D = 13.90

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=13 CODE = 1

*

* COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF ADJACENT OFFSITE BASINS

* BASIN L9.1A

*

COMPUTE NM HYD ID = 14 HYD NO = L9.1AOFF AREA = 0.09675 SQ MI

PER A = 91.9 PER B = 0.0 PER C = 8.1 PER D = 0.0

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=14 CODE = 1

*

* BASIN L9.2AOFF

*

COMPUTE NM HYD ID = 15 HYD NO = L9.2AOFF AREA = 0.003203 SQ MI

PER A = 0.00 PER B = 0.00 PER C = 100.0 PER D = 0.00

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=15 CODE = 1

*

* BASIN L9.1BOFF

*

COMPUTE NM HYD ID = 16 HYD NO = L9.1BOFF AREA = 0.046265 SQ MI

PER A = 75.0 PER B = 25.00 PER C = 00.0 PER D = 0.00

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=16 CODE = 1

*

* BASIN UD.4OFF

*

COMPUTE NM HYD ID = 17 HYD NO = UD.4OFF AREA = 0.00072 SQ MI

PER A = 0.00 PER B = 0.00 PER C = 0.00 PER D = 100.00

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=17 CODE = 1

*

*

*COMBINE DEVELOPED BASINS L9.2A-1, L9.2A-2, L9.2A-3, L9.2A-4, L9.2A-5, L9.2A-6, AND L7.1A (AHYMO IDS 1-7)

*TO DETERMINE TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

ADD HYD ID = 18 HYD NO = BASIN_2T ID = 1 ID = 2

ADD HYD ID = 19 HYD NO = BASIN_3T ID = 18 ID = 3

ADD HYD ID = 20 HYD NO = BASIN_4T ID = 19 ID = 4

ADD HYD ID = 21 HYD NO = BASIN_5T ID = 20 ID = 5

ADD HYD ID = 22 HYD NO = BASIN_6T ID = 21 ID = 6

ADD HYD ID = 23 HYD NO = BASIN_7T ID = 22 ID = 7

*

*

* TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

*

PRINT HYD ID = 23 CODE = 1

*

* SDMH SPLITTER RUNOFF DIVERTED TO S-1 STRUCTURE (ID=24) = 103.6 CFS AND RUNOFF TO L9.2B POND (ID=25) = 94.6 CFS

*

DIVIDE HYD ID = 23 Q=103.6 ID I = 24 HYD NO = TO_S1

ID II= 25 HYD NO = TO_POND


```

*
PRINT HYD      ID = 24 CODE = 1
PRINT HYD      ID = 25 CODE = 1
*
*
*   COMBINE BASIN L9.1BOFF AND BASIN L9.1B FLOWS  TO DETERMINE TOTAL FLOWS THAT ENTERS
L9.1B-1 POND
ADD HYD      ID = 26 HYD NO = BASIN_8T ID = 9 ID = 16
*ROUTE THROUGH POND LOCATED IN L9.1B-1 THAT DISCHARGES INTO NEW SD SYSTEM
ROUTE RESERVOIR  ID = 27 HYD NO = OUTFLOW INFLOW ID = 26 CODE = 5
      OUTFLOW (CFS)  STORAGE(AC FT)  ELEV(FT)
      0.0          0.0          5009
      0.1          0.07         5010
      0.1          0.16         5011
      28.26        0.22         5011.5
      67.96        0.29         5012
      75.98        0.44         5013
*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED
CONDITION. FOR OUTLET ANALYSIS
*SEE  SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)
*
*****COMBINE REMAINING CONTRIBUTING BASINS L9.1B BASINS, BASIN L12.19D/20A, BASIN L9.2B
AND RUNOFF FROM SDMH SPLITTER. (IDS 10,11,12,13,25,AND 27)
ADD HYD      ID = 28 HYD NO = BASIN_9T ID = 27 ID = 10
ADD HYD      ID = 29 HYD NO = BASIN_10T ID = 28 ID = 11
ADD HYD      ID = 30 HYD NO = BASIN_11T ID = 29 ID = 13
*****TOTAL FLOW TO POND
ADD HYD      ID = 31 HYD NO = BASIN_12T ID = 30 ID = 12
ADD HYD      ID = 32 HYD NO = BASIN_13T ID = 31 ID = 25
PRINT HYD      ID = 32 CODE = 1
*ROUTE THROUGH BASIN L9.2B POND TO DETERMINE MAX DISCHARGE TO S-2 STRUCTURE
ROUTE RESERVOIR  ID = 33 HYD NO = OUTFLOW INFLOW ID = 32 CODE = 5
      OUTFLOW (CFS)  STORAGE(AC FT)  ELEV(FT)
      0.1          0.00         5053
      0.1          0.38         5054
      0.1          0.81         5055
      0.1          1.28         5056
      61.50        1.79         5057
      86.50        2.36         5058
      106.0        2.97         5059
      110.0        3.63         5060
      122.7        4.35         5061
*****48" SD INV OUT=5056.5
*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED
CONDITION. FOR OUTLET ANALYSIS
*SEE  SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)
*TOTAL FLOW FROM DRAINAGE POND OUTLET STRUCTURE TO S-2 STRUCTUR
PRINT HYD      ID = 33
FINISH

```


[(s16.66H

AHYMO PROGRAM (AHYMO-S4)

- Version: S4.01a - Rel: 01a

RUN DATE (MON/DAY/YR) = 11/09/2016

START TIME (HR:MIN:SEC) = 13:19:28

USER NO.= AHYMO_Temp_User:HighMesa

INPUT FILE = C:\AHYMO\2014.184.4 100 YR INPUT Phase_1_revised.txt

*2345678901234567890

```
*
* 100 year, 24 hour storm
*
*           Phase 1 Buildout
*
* HMCJ JOB NUMBER 2014.184.4
* APS NORTHWEST EDUCATION CORRIDOR
*
*
START           TIME = 0.0 HR  PUNCH CODE = 0  PRINT LINES = -1
*
*  RAINFALL DATA FROM NOAA Atlas 14, Volume 1, Version 5
*
RAINFALL        TYPE = 1  RAIN QUARTER = 0.0
                RAIN ONE = 1.80 IN  RAIN SIX = 2.31 IN
                RAIN DAY = 2.62 IN  DT = 0.03333
```

6-HOUR RAINFALL DIST. - BASED ON NOAA ATLAS 14 FOR CONVECTIVE AREAS (NM & AZ)

- D1

```
DT = 0.033330 HOURS      END TIME = 5.999400 HOURS
0.0000 0.0023 0.0045 0.0069 0.0094 0.0119 0.0147
0.0175 0.0205 0.0236 0.0268 0.0338 0.0409 0.0483
0.0562 0.0640 0.0725 0.0811 0.0898 0.0987 0.1076
0.1169 0.1263 0.1361 0.1465 0.1568 0.1685 0.1802
0.1947 0.2120 0.2293 0.2526 0.2758 0.3037 0.3362
0.3688 0.4176 0.4664 0.5329 0.6172 0.7015 0.9256
1.1502 1.3253 1.4498 1.5743 1.6372 1.6997 1.7508
1.7902 1.8296 1.8570 1.8844 1.9081 1.9281 1.9481
1.9632 1.9784 1.9915 2.0024 2.0134 2.0232 2.0330
2.0420 2.0502 2.0584 2.0659 2.0735 2.0809 2.0882
2.0955 2.0989 2.1023 2.1057 2.1090 2.1122 2.1153
2.1184 2.1214 2.1243 2.1273 2.1302 2.1331 2.1358
2.1386 2.1413 2.1439 2.1465 2.1491 2.1517 2.1543
2.1567 2.1591 2.1615 2.1639 2.1663 2.1686 2.1709
2.1732 2.1754 2.1776 2.1798 2.1819 2.1841 2.1862
2.1883 2.1904 2.1924 2.1945 2.1965 2.1985 2.2005
2.2025 2.2045 2.2064 2.2084 2.2103 2.2122 2.2141
2.2160 2.2178 2.2197 2.2215 2.2233 2.2251 2.2269
2.2287 2.2305 2.2322 2.2340 2.2357 2.2374 2.2392
2.2409 2.2425 2.2442 2.2459 2.2475 2.2492 2.2508
2.2524 2.2540 2.2556 2.2572 2.2588 2.2604 2.2619
2.2635 2.2650 2.2665 2.2681 2.2696 2.2711 2.2726
2.2741 2.2756 2.2770 2.2785 2.2799 2.2814 2.2828
2.2842 2.2857 2.2871 2.2885 2.2899 2.2913 2.2927
2.2940 2.2954 2.2968 2.2981 2.2995 2.3008 2.3021
2.3035 2.3048 2.3061 2.3074 2.3087 2.3100
```


*
 * COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF PHASE 1 CONDITION(ON-SIT
 *
 * BASIN L9.2A-1
 *

COMPUTE NM HYD ID = 1 HYD NO = L9.2A_1 AREA = 0.03288 SQ MI
 PER A = 0.00 PER B = 12.95 PER C = 12.95 PER D = 74.1
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

7.106428

UNIT PEAK = 96.169 CFS UNIT VOLUME = 0.9993 B = 526.28 P60 =

1.8000

AREA = 0.024364 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =

3.984395

UNIT PEAK = 22.619 CFS UNIT VOLUME = 0.9999 B = 354.13 P60 =

1.8000

AREA = 0.008516 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 1 CODE = 1

HYDROGRAPH FROM AREA L9.2A_1

RUNOFF VOLUME = 1.76311 INCHES = 3.0918 ACRE-FEET
 PEAK DISCHARGE RATE = 82.31 CFS AT 1.533 HOURS BASIN AREA = 0.0329 SQ. MI.

*
 * BASIN L9.2A-2
 *

COMPUTE NM HYD ID = 2 HYD NO = L9.2A_2 AREA = 0.02071 SQ MI
 PER A = 0.00 PER B = 45.63 PER C = 31.58 PER D = 22.79
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

7.106428

UNIT PEAK = 18.630 CFS UNIT VOLUME = 0.9988 B = 526.28 P60 =

1.8000

AREA = 0.004720 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.121148HR TP = 0.133330HR K/TP RATIO = 0.908630 SHAPE CONSTANT, N =

3.898051

UNIT PEAK = 41.774 CFS UNIT VOLUME = 1.000 B = 348.32 P60 =

1.8000

AREA = 0.015990 SQ MI IA = 0.43865 INCHES INF = 1.07821 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 2 CODE = 1

HYDROGRAPH FROM AREA L9.2A_2

RUNOFF VOLUME = 1.16608 INCHES = 1.2880 ACRE-FEET
 PEAK DISCHARGE RATE = 40.33 CFS AT 1.533 HOURS BASIN AREA = 0.0207 SQ. MI.

*
 * BASIN L9.2A-3
 *

COMPUTE NM HYD ID = 3 HYD NO = L9.2A_3 AREA = 0.00329 SQ MI
 PER A = 0.00 PER B = 80.00 PER C = 20.00 PER D = 00.00
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.126823HR TP = 0.133330HR K/TP RATIO = 0.951195 SHAPE CONSTANT, N = 3.715600
 UNIT PEAK = 8.2847 CFS UNIT VOLUME = 0.9985 B = 335.75 P60 = 1.8000
 AREA = 0.003290 SQ MI IA = 0.47000 INCHES INF = 1.16600 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 3 CODE = 1

HYDROGRAPH FROM AREA L9.2A_3

RUNOFF VOLUME = 0.85649 INCHES = 0.1503 ACRE-FEET
 PEAK DISCHARGE RATE = 5.33 CFS AT 1.533 HOURS BASIN AREA = 0.0033 SQ. MI.

*
 * BASIN L9.2A-4
 *

COMPUTE NM HYD ID = 4 HYD NO = L9.2A_4 AREA = 0.00388 SQ MI
 PER A = 0.00 PER B = 50.00 PER C = 50.00 PER D = 00.00
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N = 3.984395
 UNIT PEAK = 10.306 CFS UNIT VOLUME = 0.9992 B = 354.13 P60 = 1.8000
 AREA = 0.003880 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 4 CODE = 1

HYDROGRAPH FROM AREA L9.2A_4

RUNOFF VOLUME = 0.92457 INCHES = 0.1913 ACRE-FEET
 PEAK DISCHARGE RATE = 6.78 CFS AT 1.533 HOURS BASIN AREA = 0.0039 SQ. MI.

*
* BASIN L9.2A-5
*

COMPUTE NM HYD ID = 5 HYD NO = L9.2A_5 AREA = 0.01090 SQ MI
PER A = 0.00 PER B = 22.53 PER C = 22.53 PER D = 54.94
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

UNIT PEAK = 23.637 CFS UNIT VOLUME = 0.9989 B = 526.28 P60 =

AREA = 0.005988 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

UNIT PEAK = 13.045 CFS UNIT VOLUME = 0.9994 B = 354.13 P60 =

AREA = 0.004912 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 5 CODE = 1

HYDROGRAPH FROM AREA L9.2A_5

RUNOFF VOLUME = 1.54629 INCHES = 0.8989 ACRE-FEET
PEAK DISCHARGE RATE = 25.16 CFS AT 1.533 HOURS BASIN AREA = 0.0109 SQ. MI.

*
* BASIN L9.2A-6
*

COMPUTE NM HYD ID = 6 HYD NO = L9.2A_6 AREA = 0.02169 SQ MI
PER A = 0.00 PER B = 11.52 PER C = 11.52 PER D = 76.96
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

UNIT PEAK = 65.889 CFS UNIT VOLUME = 0.9992 B = 526.28 P60 =

AREA = 0.016693 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

UNIT PEAK = 13.273 CFS UNIT VOLUME = 0.9994 B = 354.13 P60 =

AREA = 0.004997 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 6 CODE = 1

HYDROGRAPH FROM AREA L9.2A_6

RUNOFF VOLUME = 1.79548 INCHES = 2.0770 ACRE-FEET
 PEAK DISCHARGE RATE = 54.94 CFS AT 1.533 HOURS BASIN AREA = 0.0217 SQ. MI.

*
 * BASIN L7.1A
 *

COMPUTE NM HYD ID = 7 HYD NO = L7.1A AREA = 0.00575 SQ MI
 PER A = 0.00 PER B = 45.76 PER C = 45.76 PER D = 08.48
 TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 1.9246 CFS UNIT VOLUME = 0.9932 B = 526.28 P60 =
 AREA = 0.000488 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 13.977 CFS UNIT VOLUME = 0.9995 B = 354.13 P60 =
 AREA = 0.005262 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 7 CODE = 1

HYDROGRAPH FROM AREA L7.1A

RUNOFF VOLUME = 1.02053 INCHES = 0.3130 ACRE-FEET
 PEAK DISCHARGE RATE = 10.54 CFS AT 1.533 HOURS BASIN AREA = 0.0058 SQ. MI.

*
 * BASIN UD.4A (SITE)
 *

COMPUTE NM HYD ID = 8 HYD NO = UD.4A AREA = 0.00955 SQ MI
 PER A = 0.00 PER B = 38.22 PER C = 38.22 PER D = 23.56
 TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 8.8810 CFS UNIT VOLUME = 0.9980 B = 526.28 P60 =
 AREA = 0.002250 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =
 UNIT PEAK = 19.389 CFS UNIT VOLUME = 0.9998 B = 354.13 P60 =

1.8000

AREA = 0.007300 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 8 CODE = 1

HYDROGRAPH FROM AREA UD.4A

RUNOFF VOLUME = 1.19119 INCHES = 0.6067 ACRE-FEET
 PEAK DISCHARGE RATE = 18.98 CFS AT 1.533 HOURS BASIN AREA = 0.0096 SQ. MI.

*
 * BASIN L9.1B_1
 *

COMPUTE NM HYD ID = 9 HYD NO = L9.1B_1 AREA = 0.00720 SQ MI
 PER A = 0.00 PER B = 46.78 PER C = 46.78 PER D = 06.44
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 7.106428

UNIT PEAK = 1.8302 CFS UNIT VOLUME = 0.9932 B = 526.28 P60 =
 1.8000

AREA = 0.000464 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =
 3.984395

UNIT PEAK = 17.892 CFS UNIT VOLUME = 0.9997 B = 354.13 P60 =
 1.8000

AREA = 0.006736 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 9 CODE = 1

HYDROGRAPH FROM AREA L9.1B_1

RUNOFF VOLUME = 0.99745 INCHES = 0.3830 ACRE-FEET
 PEAK DISCHARGE RATE = 13.05 CFS AT 1.533 HOURS BASIN AREA = 0.0072 SQ. MI.

*
 * BASIN L9.1B_2
 *

COMPUTE NM HYD ID = 10 HYD NO = L9.1B_2 AREA = 0.00462 SQ MI
 PER A = 0.00 PER B = 40.11 PER C = 40.11 PER D = 19.78
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 7.106428

UNIT PEAK = 3.6071 CFS UNIT VOLUME = 0.9960 B = 526.28 P60 =
 1.8000

AREA = 0.000914 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

UNIT PEAK = 9.8438 CFS UNIT VOLUME = 0.9991 B = 354.13 P60 =

AREA = 0.003706 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 10 CODE = 1

HYDROGRAPH FROM AREA L9.1B_2

RUNOFF VOLUME = 1.14841 INCHES = 0.2830 ACRE-FEET
 PEAK DISCHARGE RATE = 9.01 CFS AT 1.533 HOURS BASIN AREA = 0.0046 SQ. MI.

*
 * BASIN L9.1B_3
 *

COMPUTE NM HYD ID = 11 HYD NO = L9.1B_3 AREA = 0.00839 SQ MI
 PER A = 0.00 PER B = 18.18 PER C = 18.18 PER D = 63.64
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

UNIT PEAK = 21.075 CFS UNIT VOLUME = 0.9988 B = 526.28 P60 =

AREA = 0.005339 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =

UNIT PEAK = 8.1026 CFS UNIT VOLUME = 0.9988 B = 354.13 P60 =

AREA = 0.003051 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 11 CODE = 1

HYDROGRAPH FROM AREA L9.1B_3

RUNOFF VOLUME = 1.64475 INCHES = 0.7360 ACRE-FEET
 PEAK DISCHARGE RATE = 20.12 CFS AT 1.533 HOURS BASIN AREA = 0.0084 SQ. MI.

*
 * BASIN L9.2B
 *

COMPUTE NM HYD ID = 12 HYD NO = L9.2B AREA = 0.01274 SQ MI

AHYMO.OUT

PER A = 0.00 PER B = 42.49 PER C = 42.49 PER D = 15.02
TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
1.8000 UNIT PEAK = 7.5531 CFS UNIT VOLUME = 0.9978 B = 526.28 P60 =
AREA = 0.001914 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =
1.8000 UNIT PEAK = 28.756 CFS UNIT VOLUME = 1.000 B = 354.13 P60 =
AREA = 0.010826 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 12 CODE = 1

HYDROGRAPH FROM AREA L9.2B

RUNOFF VOLUME = 1.09454 INCHES = 0.7437 ACRE-FEET
PEAK DISCHARGE RATE = 24.19 CFS AT 1.533 HOURS BASIN AREA = 0.0127 SQ. MI.

*
* BASIN L12.19D/20A
*

COMPUTE NM HYD ID = 13 HYD NO = L12.19D/20A AREA = 0.00426 SQ MI
PER A = 0.00 PER B = 43.05 PER C = 43.05 PER D = 13.90
TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
1.8000 UNIT PEAK = 2.3373 CFS UNIT VOLUME = 0.9941 B = 526.28 P60 =
AREA = 0.000592 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =
1.8000 UNIT PEAK = 9.7421 CFS UNIT VOLUME = 0.9991 B = 354.13 P60 =
AREA = 0.003668 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 13 CODE = 1

HYDROGRAPH FROM AREA L12.19D/20A

RUNOFF VOLUME = 1.08187 INCHES = 0.2458 ACRE-FEET
PEAK DISCHARGE RATE = 8.05 CFS AT 1.533 HOURS BASIN AREA = 0.0043 SQ. MI.

*
 * COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF ADJACENT OFFSITE BASINS
 * BASIN L9.1A
 *

COMPUTE NM HYD ID = 14 HYD NO = L9.1AOFF AREA = 0.09675 SQ MI
 PER A = 91.9 PER B = 0.0 PER C = 8.1 PER D = 0.0
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.156905HR TP = 0.133330HR K/TP RATIO = 1.176816 SHAPE CONSTANT, N =
 3.014821
 UNIT PEAK = 205.38 CFS UNIT VOLUME = 0.9997 B = 283.03 P60 =
 1.8000
 AREA = 0.096750 SQ MI IA = 0.62570 INCHES INF = 1.60196 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =14 CODE = 1

HYDROGRAPH FROM AREA L9.1AOFF

RUNOFF VOLUME = 0.65224 INCHES = 3.3655 ACRE-FEET
 PEAK DISCHARGE RATE = 115.18 CFS AT 1.533 HOURS BASIN AREA = 0.0968 SQ. MI.

*
 * BASIN L9.2AOFF
 *

COMPUTE NM HYD ID = 15 HYD NO = L9.2AOFF AREA = 0.003203 SQ MI
 PER A = 0.00 PER B = 0.00 PER C = 100.0 PER D = 0.00
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.105101HR TP = 0.133330HR K/TP RATIO = 0.788276 SHAPE CONSTANT, N =
 4.552748
 UNIT PEAK = 9.3806 CFS UNIT VOLUME = 0.9990 B = 390.48 P60 =
 1.8000
 AREA = 0.003203 SQ MI IA = 0.35000 INCHES INF = 0.83000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =15 CODE = 1

HYDROGRAPH FROM AREA L9.2AOFF

RUNOFF VOLUME = 1.04869 INCHES = 0.1791 ACRE-FEET
 PEAK DISCHARGE RATE = 6.32 CFS AT 1.533 HOURS BASIN AREA = 0.0032 SQ. MI.

*
 * BASIN L9.1BOFF
 *

COMPUTE NM HYD ID = 16 HYD NO = L9.1BOFF AREA = 0.046265 SQ MI
 PER A = 75.0 PER B = 25.00 PER C = 00.0 PER D = 0.00

TP = -0.13333 HRS MASS RAIN = -1

K = 0.157178HR TP = 0.133330HR K/TP RATIO = 1.178862 SHAPE CONSTANT, N = 3.009971
 UNIT PEAK = 98.075 CFS UNIT VOLUME = 0.9997 B = 282.64 P60 = 1.8000
 AREA = 0.046265 SQ MI IA = 0.61250 INCHES INF = 1.56500 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =16 CODE = 1

HYDROGRAPH FROM AREA L9.1BOFF

RUNOFF VOLUME = 0.66700 INCHES = 1.6458 ACRE-FEET
 PEAK DISCHARGE RATE = 55.97 CFS AT 1.533 HOURS BASIN AREA = 0.0463 SQ. MI.

*
 * BASIN UD.4OFF
 *

COMPUTE NM HYD ID = 17 HYD NO = UD.4OFF AREA = 0.00072 SQ MI
 PER A = 0.00 PER B = 0.00 PER C = 0.00 PER D = 100.00
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
 UNIT PEAK = 2.8420 CFS UNIT VOLUME = 0.9955 B = 526.28 P60 = 1.8000
 AREA = 0.000720 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =17 CODE = 1

HYDROGRAPH FROM AREA UD.4OFF

RUNOFF VOLUME = 2.05621 INCHES = 0.0790 ACRE-FEET
 PEAK DISCHARGE RATE = 2.01 CFS AT 1.500 HOURS BASIN AREA = 0.0007 SQ. MI.

*
 *
 *COMBINE DEVELOPED BASINS L9.2A-1, L9.2A-2, L9.2A-3, L9.2A-4, L9.2A-5, L9.2A-6,
 *TO DETERMINE TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

ADD HYD ID = 18 HYD NO = BASIN_2T ID = 1 ID = 2
 ADD HYD ID = 19 HYD NO = BASIN_3T ID = 18 ID = 3
 ADD HYD ID = 20 HYD NO = BASIN_4T ID = 19 ID = 4
 ADD HYD ID = 21 HYD NO = BASIN_5T ID = 20 ID = 5
 ADD HYD ID = 22 HYD NO = BASIN_6T ID = 21 ID = 6
 ADD HYD ID = 23 HYD NO = BASIN_7T ID = 22 ID = 7

*
 *
 * TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER
 *

PRINT HYD

ID = 23 CODE = 1

HYDROGRAPH FROM AREA BASIN_7T

RUNOFF VOLUME = 1.51555 INCHES = 8.0101 ACRE-FEET
 PEAK DISCHARGE RATE = 225.39 CFS AT 1.533 HOURS BASIN AREA = 0.0991 SQ. MI.

*

* SDMH SPLITTER RUNOFF DIVERTED TO S-1 STRUCTURE (ID=24) = 103.6 CFS AND RUNOFF

*

DIVIDE HYD ID = 23 Q=103.6 ID I = 24 HYD NO = TO_S1
 ID II= 25 HYD NO = TO_POND

*

PRINT HYD ID = 24 CODE = 1

HYDROGRAPH FROM AREA TO_S1

RUNOFF VOLUME = 1.51555 INCHES = 6.2228 ACRE-FEET
 PEAK DISCHARGE RATE = 103.60 CFS AT 1.433 HOURS BASIN AREA = 0.0770 SQ. MI.

PRINT HYD

ID = 25 CODE = 1

HYDROGRAPH FROM AREA TO_POND

RUNOFF VOLUME = 1.51555 INCHES = 1.7874 ACRE-FEET
 PEAK DISCHARGE RATE = 121.79 CFS AT 1.533 HOURS BASIN AREA = 0.0221 SQ. MI.

*

*

* COMBINE BASIN L9.1BOFF AND BASIN L9.1B FLOWS TO DETERMINE TOTAL FLOWS THAT
 ADD HYD ID = 26 HYD NO = BASIN_8T ID = 9 ID = 16

*ROUTE THROUGH POND LOCATED IN L9.1B-1 THAT DISCHARGES INTO NEW SD SYSTEM

ROUTE RESERVOIR ID = 27 HYD NO = OUTFLOW INFLOW ID = 26 CODE = 5

	OUTFLOW (CFS)	STORAGE(AC FT)	ELEV(FT)
0.0	0.0	5009	
0.1	0.07	5010	
0.1	0.16	5011	
28.26	0.22	5011.5	
67.96	0.29	5012	
75.98	0.44	5013	

* * * * *

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
0.00	0.00	5009.00	0.000	0.00

AHYMO.OUT

0.17	0.00	5009.00	0.000	0.00
0.33	0.00	5009.00	0.000	0.00
0.50	0.00	5009.00	0.000	0.00
0.67	0.00	5009.00	0.000	0.00
0.83	0.05	5009.00	0.000	0.00
1.00	0.09	5009.02	0.001	0.00
1.17	0.17	5009.04	0.003	0.00
1.33	2.74	5009.17	0.012	0.02
1.50	66.31	5011.89	0.274	59.09
1.67	41.54	5011.74	0.253	46.98
1.83	14.37	5011.30	0.196	17.16
2.00	6.67	5011.13	0.175	7.30
2.17	4.52	5011.08	0.170	4.79
2.33	3.12	5011.06	0.167	3.31
2.50	2.15	5011.04	0.165	2.28
2.67	1.48	5011.03	0.163	1.57
2.83	1.03	5011.02	0.162	1.09
3.00	0.72	5011.01	0.161	0.76
3.17	0.50	5011.01	0.161	0.53
3.33	0.35	5011.00	0.161	0.37
3.50	0.25	5011.00	0.160	0.26
3.67	0.17	5011.00	0.160	0.18
3.83	0.12	5011.00	0.160	0.13
4.00	0.09	5011.00	0.160	0.10
4.17	0.06	5011.00	0.160	0.10
4.33	0.05	5011.00	0.160	0.10
4.50	0.04	5011.00	0.160	0.10
4.67	0.03	5011.00	0.160	0.10
4.83	0.02	5011.00	0.160	0.10
5.00	0.02	5011.00	0.160	0.10
5.17	0.01	5011.00	0.160	0.10
5.33	0.01	5011.00	0.160	0.10
5.50	0.01	5011.00	0.160	0.10
5.67	0.01	5011.00	0.160	0.10
5.83	0.01	5011.00	0.160	0.10
6.00	0.01	5011.00	0.160	0.10
6.17	0.00	5011.00	0.160	0.10
6.33	0.00	5011.00	0.160	0.10
6.50	0.00	5011.00	0.160	0.10
6.67	0.00	5011.00	0.160	0.10
6.83	0.00	5011.00	0.160	0.10
7.00	0.00	5011.00	0.160	0.10
7.17	0.00	5011.00	0.160	0.10
7.33	0.00	5011.00	0.160	0.10
7.50	0.00	5011.00	0.160	0.10
7.67	0.00	5011.00	0.160	0.10
7.83	0.00	5011.00	0.160	0.10
8.00	0.00	5011.00	0.160	0.10
8.17	0.00	5011.00	0.160	0.10
8.33	0.00	5011.00	0.160	0.10
8.50	0.00	5011.00	0.160	0.10
8.67	0.00	5011.00	0.160	0.10
8.83	0.00	5011.00	0.160	0.10
9.00	0.00	5011.00	0.160	0.10
9.17	0.00	5011.00	0.160	0.10

TIME	INFLOW	ELEV	VOLUME	OUTFLOW
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(HRS)	(CFS)	(FEET)	AHYMO.OUT	
			(AC-FT)	(CFS)
9.33	0.00	5011.00	0.160	0.10
9.50	0.00	5011.00	0.160	0.10
9.67	0.00	5011.00	0.160	0.10
9.83	0.00	5011.00	0.160	0.10
10.00	0.00	5011.00	0.160	0.10
10.17	0.00	5011.00	0.160	0.10
10.33	0.00	5011.00	0.160	0.10
10.50	0.00	5011.00	0.160	0.10
10.67	0.00	5011.00	0.160	0.10
10.83	0.00	5011.00	0.160	0.10
11.00	0.00	5011.00	0.160	0.10
11.17	0.00	5011.00	0.160	0.10
11.33	0.00	5011.00	0.160	0.10
11.50	0.00	5011.00	0.160	0.10
11.67	0.00	5011.00	0.160	0.10
11.83	0.00	5011.00	0.160	0.10
12.00	0.00	5011.00	0.160	0.10
12.17	0.00	5011.00	0.160	0.10
12.33	0.00	5011.00	0.160	0.10
12.50	0.00	5011.00	0.160	0.10
12.67	0.00	5011.00	0.160	0.10
12.83	0.00	5011.00	0.160	0.10
13.00	0.00	5011.00	0.160	0.10
13.17	0.00	5011.00	0.160	0.10
13.33	0.00	5011.00	0.160	0.10
13.50	0.00	5011.00	0.160	0.10
13.67	0.00	5011.00	0.160	0.10
13.83	0.00	5011.00	0.160	0.10
14.00	0.00	5011.00	0.160	0.10
14.17	0.00	5011.00	0.160	0.10
14.33	0.00	5011.00	0.160	0.10
14.50	0.00	5011.00	0.160	0.10
14.67	0.00	5011.00	0.160	0.10
14.83	0.00	5011.00	0.160	0.10
15.00	0.00	5011.00	0.160	0.10
15.17	0.00	5011.00	0.160	0.10
15.33	0.00	5011.00	0.160	0.10
15.50	0.00	5009.99	0.069	0.10
15.67	0.00	5009.97	0.068	0.10
15.83	0.00	5009.95	0.067	0.10
16.00	0.00	5009.94	0.065	0.09
16.17	0.00	5009.92	0.064	0.09
16.33	0.00	5009.90	0.063	0.09
16.50	0.00	5009.88	0.062	0.09
16.67	0.00	5009.86	0.061	0.09
16.83	0.00	5009.85	0.059	0.08
17.00	0.00	5009.83	0.058	0.08
17.16	0.00	5009.81	0.057	0.08
17.33	0.00	5009.80	0.056	0.08
17.50	0.00	5009.78	0.055	0.08
17.66	0.00	5009.77	0.054	0.08
17.83	0.00	5009.75	0.053	0.08
18.00	0.00	5009.74	0.052	0.07
18.16	0.00	5009.72	0.051	0.07
18.33	0.00	5009.71	0.050	0.07

AHYMO.OUT				
18.50	0.00	5009.70	0.049	0.07
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
18.66	0.00	5009.68	0.048	0.07
18.83	0.00	5009.67	0.047	0.07
19.00	0.00	5009.66	0.046	0.07
19.16	0.00	5009.64	0.045	0.06
19.33	0.00	5009.63	0.044	0.06
19.50	0.00	5009.62	0.043	0.06
19.66	0.00	5009.61	0.042	0.06
19.83	0.00	5009.60	0.042	0.06
20.00	0.00	5009.58	0.041	0.06
20.16	0.00	5009.57	0.040	0.06
20.33	0.00	5009.56	0.039	0.06
20.50	0.00	5009.55	0.038	0.05
20.66	0.00	5009.54	0.038	0.05
20.83	0.00	5009.53	0.037	0.05
21.00	0.00	5009.52	0.036	0.05
21.16	0.00	5009.51	0.036	0.05
21.33	0.00	5009.50	0.035	0.05
21.50	0.00	5009.49	0.034	0.05
21.66	0.00	5009.48	0.034	0.05
21.83	0.00	5009.47	0.033	0.05
22.00	0.00	5009.46	0.032	0.05
22.16	0.00	5009.45	0.032	0.05
22.33	0.00	5009.44	0.031	0.04
22.50	0.00	5009.43	0.030	0.04
22.66	0.00	5009.43	0.030	0.04
22.83	0.00	5009.42	0.029	0.04
23.00	0.00	5009.41	0.029	0.04
23.16	0.00	5009.40	0.028	0.04
23.33	0.00	5009.39	0.028	0.04
23.50	0.00	5009.39	0.027	0.04
23.66	0.00	5009.38	0.026	0.04
23.83	0.00	5009.37	0.026	0.04
24.00	0.00	5009.36	0.025	0.04
24.16	0.00	5009.36	0.025	0.04
24.33	0.00	5009.35	0.024	0.03
24.50	0.00	5009.34	0.024	0.03
24.66	0.00	5009.34	0.024	0.03
24.83	0.00	5009.33	0.023	0.03
25.00	0.00	5009.32	0.023	0.03
25.16	0.00	5009.32	0.022	0.03
25.33	0.00	5009.31	0.022	0.03
25.50	0.00	5009.30	0.021	0.03
25.66	0.00	5009.30	0.021	0.03
25.83	0.00	5009.29	0.021	0.03
26.00	0.00	5009.29	0.020	0.03
26.16	0.00	5009.28	0.020	0.03
26.33	0.00	5009.28	0.019	0.03
26.50	0.00	5009.27	0.019	0.03
26.66	0.00	5009.27	0.019	0.03
26.83	0.00	5009.26	0.018	0.03
27.00	0.00	5009.26	0.018	0.03
27.16	0.00	5009.25	0.018	0.03

AHYMO.OUT				
27.33	0.00	5009.25	0.017	0.02
27.50	0.00	5009.24	0.017	0.02
27.66	0.00	5009.24	0.017	0.02
27.83	0.00	5009.23	0.016	0.02
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
28.00	0.00	5009.23	0.016	0.02
28.16	0.00	5009.22	0.016	0.02
28.33	0.00	5009.22	0.015	0.02
28.50	0.00	5009.21	0.015	0.02
28.66	0.00	5009.21	0.015	0.02
28.83	0.00	5009.21	0.014	0.02
29.00	0.00	5009.20	0.014	0.02
29.16	0.00	5009.20	0.014	0.02
29.33	0.00	5009.19	0.014	0.02
29.50	0.00	5009.19	0.013	0.02
29.66	0.00	5009.19	0.013	0.02
29.83	0.00	5009.18	0.013	0.02
30.00	0.00	5009.18	0.013	0.02
30.16	0.00	5009.18	0.012	0.02
30.33	0.00	5009.17	0.012	0.02
30.50	0.00	5009.17	0.012	0.02
30.66	0.00	5009.17	0.012	0.02
30.83	0.00	5009.16	0.011	0.02
31.00	0.00	5009.16	0.011	0.02
31.16	0.00	5009.16	0.011	0.02
31.33	0.00	5009.15	0.011	0.02
31.50	0.00	5009.15	0.011	0.02
31.66	0.00	5009.15	0.010	0.01
31.83	0.00	5009.14	0.010	0.01
32.00	0.00	5009.14	0.010	0.01
32.16	0.00	5009.14	0.010	0.01
32.33	0.00	5009.14	0.010	0.01
32.50	0.00	5009.13	0.009	0.01
32.66	0.00	5009.13	0.009	0.01
32.83	0.00	5009.13	0.009	0.01
33.00	0.00	5009.13	0.009	0.01
33.16	0.00	5009.12	0.009	0.01
33.33	0.00	5009.12	0.008	0.01
33.50	0.00	5009.12	0.008	0.01
33.66	0.00	5009.12	0.008	0.01
33.83	0.00	5009.11	0.008	0.01
34.00	0.00	5009.11	0.008	0.01
34.16	0.00	5009.11	0.008	0.01
34.33	0.00	5009.11	0.008	0.01
34.50	0.00	5009.11	0.007	0.01
34.66	0.00	5009.10	0.007	0.01
34.83	0.00	5009.10	0.007	0.01
35.00	0.00	5009.10	0.007	0.01
35.16	0.00	5009.10	0.007	0.01
35.33	0.00	5009.10	0.007	0.01
35.50	0.00	5009.09	0.007	0.01
35.66	0.00	5009.09	0.006	0.01
35.83	0.00	5009.09	0.006	0.01
36.00	0.00	5009.09	0.006	0.01

AHYMO.OUT

36.16	0.00	5009.09	0.006	0.01
36.33	0.00	5009.08	0.006	0.01
36.50	0.00	5009.08	0.006	0.01
36.66	0.00	5009.08	0.006	0.01
36.83	0.00	5009.08	0.006	0.01
37.00	0.00	5009.08	0.005	0.01
37.16	0.00	5009.08	0.005	0.01

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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37.33	0.00	5009.08	0.005	0.01
37.50	0.00	5009.07	0.005	0.01
37.66	0.00	5009.07	0.005	0.01
37.83	0.00	5009.07	0.005	0.01
38.00	0.00	5009.07	0.005	0.01
38.16	0.00	5009.07	0.005	0.01
38.33	0.00	5009.07	0.005	0.01
38.50	0.00	5009.07	0.005	0.01
38.66	0.00	5009.06	0.005	0.01
38.83	0.00	5009.06	0.004	0.01
39.00	0.00	5009.06	0.004	0.01
39.16	0.00	5009.06	0.004	0.01
39.33	0.00	5009.06	0.004	0.01
39.50	0.00	5009.06	0.004	0.01
39.66	0.00	5009.06	0.004	0.01
39.83	0.00	5009.06	0.004	0.01
40.00	0.00	5009.06	0.004	0.01
40.16	0.00	5009.05	0.004	0.01
40.33	0.00	5009.05	0.004	0.01
40.50	0.00	5009.05	0.004	0.01
40.66	0.00	5009.05	0.004	0.01
40.83	0.00	5009.05	0.003	0.00

PEAK DISCHARGE = 67.265 CFS - PEAK OCCURS AT HOUR 1.57

MAXIMUM WATER SURFACE ELEVATION = 5011.991

MAXIMUM STORAGE = 0.2888 AC-FT INCREMENTAL TIME= 0.033330HRS

*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED C

*SEE SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)

*

*****COMBINE REMAINING CONTRIBUTING BASINS L9.1B BASINS, BASIN L12.19D/20A, BASI

ADD HYD ID = 28 HYD NO = BASIN_9T ID = 27 ID = 10

ADD HYD ID = 29 HYD NO = BASIN_10T ID = 28 ID = 11

ADD HYD ID = 30 HYD NO = BASIN_11T ID = 29 ID = 13

*****TOTAL FLOW TO POND

ADD HYD ID = 31 HYD NO = BASIN_12T ID = 30 ID = 12

ADD HYD ID = 32 HYD NO = BASIN_13T ID = 31 ID = 25

PRINT HYD ID = 32 CODE = 1

HYDROGRAPH FROM AREA BASIN_13T

RUNOFF VOLUME = 1.03419 INCHES = 5.8239 ACRE-FEET

PEAK DISCHARGE RATE = 249.77 CFS AT 1.533 HOURS BASIN AREA = 0.1056 SQ. MI.

*ROUTE THROUGH BASIN L9.2B POND TO DETERMINE MAX DISCHARGE TO S-2 STRUCTURE

ROUTE RESERVOIR ID = 33 HYD NO = OUTFLOW INFLOW ID = 32 CODE = 5

	OUTFLOW (CFS)	STORAGE(AC FT)	ELEV(FT)
0.1	0.00	5053	
0.1	0.38	5054	
0.1	0.81	5055	
0.1	1.28	5056	
	61.50	1.79	5057
86.50	2.36	5058	
106.0	2.97	5059	
110.0	3.63	5060	
122.7	4.35	5061	

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TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
0.00	0.00	-Infinity	-Infinity	0.00
0.17	0.00	5056.00	1.280	0.10
0.33	0.00	5056.00	1.280	0.10
0.50	0.00	5056.00	1.280	0.10
0.67	0.00	5056.00	1.280	0.10
0.83	0.98	5056.00	1.280	0.10
1.00	1.65	5056.00	1.280	0.10
1.17	3.29	5056.00	1.280	0.10
1.33	11.64	5056.00	1.280	0.10
1.50	239.45	5056.15	1.356	9.22
1.67	107.15	5058.99	2.962	105.76
1.83	30.37	5058.02	2.374	86.95
2.00	14.19	5056.80	1.688	49.24
2.17	8.98	5056.29	1.428	17.87
2.33	6.04	5056.15	1.354	9.05
2.50	3.85	5056.09	1.325	5.48
2.67	2.52	5056.05	1.308	3.42
2.83	1.73	5056.04	1.298	2.27
3.00	1.21	5056.02	1.292	1.55
3.17	0.86	5056.02	1.288	1.09
3.33	0.64	5056.01	1.286	0.79
3.50	0.47	5056.01	1.284	0.58
3.67	0.37	5056.01	1.283	0.43
3.83	0.30	5056.00	1.282	0.34
4.00	0.27	5056.00	1.282	0.29
4.17	0.26	5056.00	1.281	0.27
4.33	0.27	5056.00	1.281	0.27
4.50	0.27	5056.00	1.281	0.27
4.67	0.27	5056.00	1.281	0.27
4.83	0.27	5056.00	1.281	0.27
5.00	0.28	5056.00	1.281	0.28
5.17	0.28	5056.00	1.282	0.28
5.33	0.29	5056.00	1.282	0.28
5.50	0.29	5056.00	1.282	0.29
5.67	0.30	5056.00	1.282	0.30
5.83	0.31	5056.00	1.282	0.30
6.00	0.31	5056.00	1.282	0.31
6.17	0.18	5056.00	1.281	0.26
6.33	0.12	5056.00	1.280	0.16

AHYMO.OUT

6.50	0.11	5056.00	1.280	0.12
6.67	0.10	5056.00	1.280	0.11
6.83	0.10	5056.00	1.280	0.10
7.00	0.10	5056.00	1.280	0.10
7.17	0.10	5056.00	1.280	0.10
7.33	0.10	5056.00	1.280	0.10
7.50	0.10	5056.00	1.280	0.10
7.67	0.10	5056.00	1.280	0.10
7.83	0.10	5056.00	1.280	0.10
8.00	0.10	5056.00	1.280	0.10
8.17	0.10	5056.00	1.280	0.10
8.33	0.10	5056.00	1.280	0.10
8.50	0.10	5056.00	1.280	0.10
8.67	0.10	5056.00	1.280	0.10
8.83	0.10	5056.00	1.280	0.10
9.00	0.10	5056.00	1.280	0.10
9.17	0.10	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
9.33	0.10	5056.00	1.280	0.10
9.50	0.10	5056.00	1.280	0.10
9.67	0.10	5056.00	1.280	0.10
9.83	0.10	5056.00	1.280	0.10
10.00	0.10	5056.00	1.280	0.10
10.17	0.10	5056.00	1.280	0.10
10.33	0.10	5056.00	1.280	0.10
10.50	0.10	5056.00	1.280	0.10
10.67	0.10	5056.00	1.280	0.10
10.83	0.10	5056.00	1.280	0.10
11.00	0.10	5056.00	1.280	0.10
11.17	0.10	5056.00	1.280	0.10
11.33	0.10	5056.00	1.280	0.10
11.50	0.10	5056.00	1.280	0.10
11.67	0.10	5056.00	1.280	0.10
11.83	0.10	5056.00	1.280	0.10
12.00	0.10	5056.00	1.280	0.10
12.17	0.10	5056.00	1.280	0.10
12.33	0.10	5056.00	1.280	0.10
12.50	0.10	5056.00	1.280	0.10
12.67	0.10	5056.00	1.280	0.10
12.83	0.10	5056.00	1.280	0.10
13.00	0.10	5056.00	1.280	0.10
13.17	0.10	5056.00	1.280	0.10
13.33	0.10	5056.00	1.280	0.10
13.50	0.10	5056.00	1.280	0.10
13.67	0.10	5056.00	1.280	0.10
13.83	0.10	5056.00	1.280	0.10
14.00	0.10	5056.00	1.280	0.10
14.17	0.10	5056.00	1.280	0.10
14.33	0.10	5056.00	1.280	0.10
14.50	0.10	5056.00	1.280	0.10
14.67	0.10	5056.00	1.280	0.10
14.83	0.10	5056.00	1.280	0.10
15.00	0.10	5056.00	1.280	0.10
15.17	0.10	5056.00	1.280	0.10

AHYMO.OUT

15.33	0.10	5056.00	1.280	0.10
15.50	0.10	5056.00	1.280	0.10
15.67	0.10	5056.00	1.280	0.10
15.83	0.10	5056.00	1.280	0.10
16.00	0.09	5056.00	1.280	0.10
16.17	0.09	5056.00	1.280	0.10
16.33	0.09	5056.00	1.280	0.10
16.50	0.09	5056.00	1.280	0.10
16.67	0.09	5056.00	1.280	0.10
16.83	0.08	5056.00	1.280	0.10
17.00	0.08	5056.00	1.280	0.10
17.16	0.08	5056.00	1.280	0.10
17.33	0.08	5056.00	1.280	0.10
17.50	0.08	5056.00	1.280	0.10
17.66	0.08	5056.00	1.280	0.10
17.83	0.08	5056.00	1.280	0.10
18.00	0.07	5056.00	1.280	0.10
18.16	0.07	5056.00	1.280	0.10
18.33	0.07	5056.00	1.280	0.10
18.50	0.07	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
18.66	0.07	5056.00	1.280	0.10
18.83	0.07	5056.00	1.280	0.10
19.00	0.07	5056.00	1.280	0.10
19.16	0.06	5056.00	1.280	0.10
19.33	0.06	5056.00	1.280	0.10
19.50	0.06	5056.00	1.280	0.10
19.66	0.06	5056.00	1.280	0.10
19.83	0.06	5056.00	1.280	0.10
20.00	0.06	5056.00	1.280	0.10
20.16	0.06	5056.00	1.280	0.10
20.33	0.06	5056.00	1.280	0.10
20.50	0.05	5056.00	1.280	0.10
20.66	0.05	5056.00	1.280	0.10
20.83	0.05	5056.00	1.280	0.10
21.00	0.05	5056.00	1.280	0.10
21.16	0.05	5056.00	1.280	0.10
21.33	0.05	5056.00	1.280	0.10
21.50	0.05	5056.00	1.280	0.10
21.66	0.05	5056.00	1.280	0.10
21.83	0.05	5056.00	1.280	0.10
22.00	0.05	5056.00	1.280	0.10
22.16	0.05	5056.00	1.280	0.10
22.33	0.04	5056.00	1.280	0.10
22.50	0.04	5056.00	1.280	0.10
22.66	0.04	5056.00	1.280	0.10
22.83	0.04	5056.00	1.280	0.10
23.00	0.04	5056.00	1.280	0.10
23.16	0.04	5056.00	1.280	0.10
23.33	0.04	5056.00	1.280	0.10
23.50	0.04	5056.00	1.280	0.10
23.66	0.04	5056.00	1.280	0.10
23.83	0.04	5056.00	1.280	0.10
24.00	0.04	5056.00	1.280	0.10

AHYMO.OUT

24.16	0.04	5056.00	1.280	0.10
24.33	0.03	5056.00	1.280	0.10
24.50	0.03	5056.00	1.280	0.10
24.66	0.03	5056.00	1.280	0.10
24.83	0.03	5056.00	1.280	0.10
25.00	0.03	5056.00	1.280	0.10
25.16	0.03	5056.00	1.280	0.10
25.33	0.03	5056.00	1.280	0.10
25.50	0.03	5056.00	1.280	0.10
25.66	0.03	5056.00	1.280	0.10
25.83	0.03	5056.00	1.280	0.10
26.00	0.03	5056.00	1.280	0.10
26.16	0.03	5056.00	1.280	0.10
26.33	0.03	5056.00	1.280	0.10
26.50	0.03	5056.00	1.280	0.10
26.66	0.03	5056.00	1.280	0.10
26.83	0.03	5056.00	1.280	0.10
27.00	0.03	5056.00	1.280	0.10
27.16	0.03	5056.00	1.280	0.10
27.33	0.02	5056.00	1.280	0.10
27.50	0.02	5056.00	1.280	0.10
27.66	0.02	5056.00	1.280	0.10
27.83	0.02	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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28.00	0.02	5056.00	1.280	0.10
28.16	0.02	5056.00	1.280	0.10
28.33	0.02	5056.00	1.280	0.10
28.50	0.02	5056.00	1.280	0.10
28.66	0.02	5056.00	1.280	0.10
28.83	0.02	5056.00	1.280	0.10
29.00	0.02	5056.00	1.280	0.10
29.16	0.02	5056.00	1.280	0.10
29.33	0.02	5056.00	1.280	0.10
29.50	0.02	5056.00	1.280	0.10
29.66	0.02	5056.00	1.280	0.10
29.83	0.02	5056.00	1.280	0.10
30.00	0.02	5056.00	1.280	0.10
30.16	0.02	5056.00	1.280	0.10
30.33	0.02	5056.00	1.280	0.10
30.50	0.02	5056.00	1.280	0.10
30.66	0.02	5056.00	1.280	0.10
30.83	0.02	5056.00	1.280	0.10
31.00	0.02	5056.00	1.280	0.10
31.16	0.02	5056.00	1.280	0.10
31.33	0.02	5056.00	1.280	0.10
31.50	0.02	5056.00	1.280	0.10
31.66	0.01	5056.00	1.280	0.10
31.83	0.01	5056.00	1.280	0.10
32.00	0.01	5056.00	1.280	0.10
32.16	0.01	5056.00	1.280	0.10
32.33	0.01	5056.00	1.280	0.10
32.50	0.01	5056.00	1.280	0.10
32.66	0.01	5056.00	1.280	0.10
32.83	0.01	5056.00	1.280	0.10

AHYMO.OUT

33.00	0.01	5056.00	1.280	0.10
33.16	0.01	5056.00	1.280	0.10
33.33	0.01	5056.00	1.280	0.10
33.50	0.01	5056.00	1.280	0.10
33.66	0.01	5056.00	1.280	0.10
33.83	0.01	5056.00	1.280	0.10
34.00	0.01	5056.00	1.280	0.10
34.16	0.01	5056.00	1.280	0.10
34.33	0.01	5056.00	1.280	0.10
34.50	0.01	5056.00	1.280	0.10
34.66	0.01	5056.00	1.280	0.10
34.83	0.01	5056.00	1.280	0.10
35.00	0.01	5056.00	1.280	0.10
35.16	0.01	5056.00	1.280	0.10
35.33	0.01	5056.00	1.280	0.10
35.50	0.01	5056.00	1.280	0.10
35.66	0.01	5056.00	1.280	0.10
35.83	0.01	5056.00	1.280	0.10
36.00	0.01	5056.00	1.280	0.10
36.16	0.01	5056.00	1.280	0.10
36.33	0.01	5056.00	1.280	0.10
36.50	0.01	5056.00	1.280	0.10
36.66	0.01	5056.00	1.280	0.10
36.83	0.01	5056.00	1.280	0.10
37.00	0.01	5056.00	1.280	0.10
37.16	0.01	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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37.33	0.01	5056.00	1.280	0.10
37.50	0.01	5056.00	1.280	0.10
37.66	0.01	5056.00	1.280	0.10
37.83	0.01	5056.00	1.280	0.10
38.00	0.01	5056.00	1.280	0.10
38.16	0.01	5056.00	1.280	0.10
38.33	0.01	5056.00	1.280	0.10
38.50	0.01	5056.00	1.280	0.10
38.66	0.01	5056.00	1.280	0.10
38.83	0.01	5056.00	1.280	0.10
39.00	0.01	5056.00	1.280	0.10
39.16	0.01	5056.00	1.280	0.10
39.33	0.01	5056.00	1.280	0.10
39.50	0.01	5056.00	1.280	0.10
39.66	0.01	5056.00	1.280	0.10
39.83	0.01	5056.00	1.280	0.10
40.00	0.01	5056.00	1.280	0.10
40.16	0.01	5056.00	1.280	0.10
40.33	0.01	5056.00	1.280	0.10
40.50	0.01	5056.00	1.280	0.10
40.66	0.01	5056.00	1.280	0.10
40.83	0.00	5056.00	1.280	0.10
41.00	0.00	5056.00	1.280	0.10
41.16	0.00	5056.00	1.280	0.10
41.33	0.00	5056.00	1.280	0.10
41.50	0.00	5056.00	1.280	0.10
41.66	0.00	5056.00	1.280	0.10

AHYMO.OUT

41.83	0.00	5056.00	1.280	0.10
42.00	0.00	5056.00	1.280	0.10
42.16	0.00	5056.00	1.280	0.10
42.33	0.00	5056.00	1.280	0.10
42.50	0.00	5056.00	1.280	0.10
42.66	0.00	5056.00	1.280	0.10
42.83	0.00	5056.00	1.280	0.10
43.00	0.00	5056.00	1.280	0.10
43.16	0.00	5056.00	1.280	0.10
43.33	0.00	5056.00	1.280	0.10
43.50	0.00	5056.00	1.280	0.10
43.66	0.00	5056.00	1.280	0.10
43.83	0.00	5056.00	1.280	0.10
44.00	0.00	5056.00	1.280	0.10
44.16	0.00	5056.00	1.280	0.10
44.33	0.00	5056.00	1.280	0.10
44.50	0.00	5056.00	1.280	0.10
44.66	0.00	5056.00	1.280	0.10
44.83	0.00	5056.00	1.280	0.10
45.00	0.00	5056.00	1.280	0.10
45.16	0.00	5056.00	1.280	0.10
45.33	0.00	5056.00	1.280	0.10
45.50	0.00	5056.00	1.280	0.10
45.66	0.00	5056.00	1.280	0.10
45.83	0.00	5056.00	1.280	0.10
46.00	0.00	5056.00	1.280	0.10
46.16	0.00	5056.00	1.280	0.10
46.33	0.00	5056.00	1.280	0.10
46.50	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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46.66	0.00	5056.00	1.280	0.10
46.83	0.00	5056.00	1.280	0.10
47.00	0.00	5056.00	1.280	0.10
47.16	0.00	5056.00	1.280	0.10
47.33	0.00	5056.00	1.280	0.10
47.50	0.00	5056.00	1.280	0.10
47.66	0.00	5056.00	1.280	0.10
47.83	0.00	5056.00	1.280	0.10
48.00	0.00	5056.00	1.280	0.10
48.16	0.00	5056.00	1.280	0.10
48.33	0.00	5056.00	1.280	0.10
48.50	0.00	5056.00	1.280	0.10
48.66	0.00	5056.00	1.280	0.10
48.83	0.00	5056.00	1.280	0.10
49.00	0.00	5056.00	1.280	0.10
49.16	0.00	5056.00	1.280	0.10
49.33	0.00	5056.00	1.280	0.10
49.50	0.00	5056.00	1.280	0.10
49.66	0.00	5056.00	1.280	0.10
49.83	0.00	5056.00	1.280	0.10
50.00	0.00	5056.00	1.280	0.10
50.16	0.00	5056.00	1.280	0.10
50.33	0.00	5056.00	1.280	0.10
50.49	0.00	5056.00	1.280	0.10

AHYMO.OUT

50.66	0.00	5056.00	1.280	0.10
50.83	0.00	5056.00	1.280	0.10
50.99	0.00	5056.00	1.280	0.10
51.16	0.00	5056.00	1.280	0.10
51.33	0.00	5056.00	1.280	0.10
51.49	0.00	5056.00	1.280	0.10
51.66	0.00	5056.00	1.280	0.10
51.83	0.00	5056.00	1.280	0.10
51.99	0.00	5056.00	1.280	0.10
52.16	0.00	5056.00	1.280	0.10
52.33	0.00	5056.00	1.280	0.10
52.49	0.00	5056.00	1.280	0.10
52.66	0.00	5056.00	1.280	0.10
52.83	0.00	5056.00	1.280	0.10
52.99	0.00	5056.00	1.280	0.10
53.16	0.00	5056.00	1.280	0.10
53.33	0.00	5056.00	1.280	0.10
53.49	0.00	5056.00	1.280	0.10
53.66	0.00	5056.00	1.280	0.10
53.83	0.00	5056.00	1.280	0.10
53.99	0.00	5056.00	1.280	0.10
54.16	0.00	5056.00	1.280	0.10
54.33	0.00	5056.00	1.280	0.10
54.49	0.00	5056.00	1.280	0.10
54.66	0.00	5056.00	1.280	0.10
54.83	0.00	5056.00	1.280	0.10
54.99	0.00	5056.00	1.280	0.10
55.16	0.00	5056.00	1.280	0.10
55.33	0.00	5056.00	1.280	0.10
55.49	0.00	5056.00	1.280	0.10
55.66	0.00	5056.00	1.280	0.10
55.83	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
55.99	0.00	5056.00	1.280	0.10
56.16	0.00	5056.00	1.280	0.10
56.33	0.00	5056.00	1.280	0.10
56.49	0.00	5056.00	1.280	0.10
56.66	0.00	5056.00	1.280	0.10
56.83	0.00	5056.00	1.280	0.10
56.99	0.00	5056.00	1.280	0.10
57.16	0.00	5056.00	1.280	0.10
57.33	0.00	5056.00	1.280	0.10
57.49	0.00	5056.00	1.280	0.10
57.66	0.00	5056.00	1.280	0.10
57.83	0.00	5056.00	1.280	0.10
57.99	0.00	5056.00	1.280	0.10
58.16	0.00	5056.00	1.280	0.10
58.33	0.00	5056.00	1.280	0.10
58.49	0.00	5056.00	1.280	0.10
58.66	0.00	5056.00	1.280	0.10
58.83	0.00	5056.00	1.280	0.10
58.99	0.00	5056.00	1.280	0.10
59.16	0.00	5056.00	1.280	0.10
59.33	0.00	5056.00	1.280	0.10

AHYMO.OUT

59.49	0.00	5056.00	1.280	0.10
59.66	0.00	5056.00	1.280	0.10
59.83	0.00	5056.00	1.280	0.10
59.99	0.00	5056.00	1.280	0.10
60.16	0.00	5056.00	1.280	0.10
60.33	0.00	5056.00	1.280	0.10
60.49	0.00	5056.00	1.280	0.10
60.66	0.00	5056.00	1.280	0.10
60.83	0.00	5056.00	1.280	0.10
60.99	0.00	5056.00	1.280	0.10
61.16	0.00	5056.00	1.280	0.10
61.33	0.00	5056.00	1.280	0.10
61.49	0.00	5056.00	1.280	0.10
61.66	0.00	5056.00	1.280	0.10
61.83	0.00	5056.00	1.280	0.10
61.99	0.00	5056.00	1.280	0.10
62.16	0.00	5056.00	1.280	0.10
62.33	0.00	5056.00	1.280	0.10
62.49	0.00	5056.00	1.280	0.10
62.66	0.00	5056.00	1.280	0.10
62.83	0.00	5056.00	1.280	0.10
62.99	0.00	5056.00	1.280	0.10
63.16	0.00	5056.00	1.280	0.10
63.33	0.00	5056.00	1.280	0.10
63.49	0.00	5056.00	1.280	0.10
63.66	0.00	5056.00	1.280	0.10
63.83	0.00	5056.00	1.280	0.10
63.99	0.00	5056.00	1.280	0.10
64.16	0.00	5056.00	1.280	0.10
64.33	0.00	5056.00	1.280	0.10
64.49	0.00	5056.00	1.280	0.10
64.66	0.00	5056.00	1.280	0.10
64.83	0.00	5056.00	1.280	0.10
64.99	0.00	5056.00	1.280	0.10
65.16	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
65.33	0.00	5056.00	1.280	0.10
65.49	0.00	5056.00	1.280	0.10
65.66	0.00	5056.00	1.280	0.10
65.83	0.00	5056.00	1.280	0.10
65.99	0.00	5056.00	1.280	0.10
66.16	0.00	5056.00	1.280	0.10
66.33	0.00	5056.00	1.280	0.10
66.49	0.00	5056.00	1.280	0.10
66.66	0.00	5056.00	1.280	0.10
66.83	0.00	5056.00	1.280	0.10
66.99	0.00	5056.00	1.280	0.10
67.16	0.00	5056.00	1.280	0.10
67.33	0.00	5056.00	1.280	0.10
67.49	0.00	5056.00	1.280	0.10
67.66	0.00	5056.00	1.280	0.10
67.83	0.00	5056.00	1.280	0.10
67.99	0.00	5056.00	1.280	0.10
68.16	0.00	5056.00	1.280	0.10

AHYMO.OUT

68.33	0.00	5056.00	1.280	0.10
68.49	0.00	5056.00	1.280	0.10
68.66	0.00	5056.00	1.280	0.10
68.83	0.00	5056.00	1.280	0.10
68.99	0.00	5056.00	1.280	0.10
69.16	0.00	5056.00	1.280	0.10
69.33	0.00	5056.00	1.280	0.10
69.49	0.00	5056.00	1.280	0.10
69.66	0.00	5056.00	1.280	0.10
69.83	0.00	5056.00	1.280	0.10
69.99	0.00	5056.00	1.280	0.10
70.16	0.00	5056.00	1.280	0.10
70.33	0.00	5056.00	1.280	0.10
70.49	0.00	5056.00	1.280	0.10
70.66	0.00	5056.00	1.280	0.10
70.83	0.00	5056.00	1.280	0.10
70.99	0.00	5056.00	1.280	0.10
71.16	0.00	5056.00	1.280	0.10
71.33	0.00	5056.00	1.280	0.10
71.49	0.00	5056.00	1.280	0.10
71.66	0.00	5056.00	1.280	0.10
71.83	0.00	5056.00	1.280	0.10
71.99	0.00	5056.00	1.280	0.10
72.16	0.00	5056.00	1.280	0.10
72.33	0.00	5056.00	1.280	0.10
72.49	0.00	5056.00	1.280	0.10
72.66	0.00	5056.00	1.280	0.10
72.83	0.00	5056.00	1.280	0.10
72.99	0.00	5056.00	1.280	0.10
73.16	0.00	5056.00	1.280	0.10
73.33	0.00	5056.00	1.280	0.10
73.49	0.00	5056.00	1.280	0.10
73.66	0.00	5056.00	1.280	0.10
73.83	0.00	5056.00	1.280	0.10
73.99	0.00	5056.00	1.280	0.10
74.16	0.00	5056.00	1.280	0.10
74.33	0.00	5056.00	1.280	0.10
74.49	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
74.66	0.00	5056.00	1.280	0.10
74.83	0.00	5056.00	1.280	0.10
74.99	0.00	5056.00	1.280	0.10
75.16	0.00	5056.00	1.280	0.10
75.33	0.00	5056.00	1.280	0.10
75.49	0.00	5056.00	1.280	0.10
75.66	0.00	5056.00	1.280	0.10
75.83	0.00	5056.00	1.280	0.10
75.99	0.00	5056.00	1.280	0.10
76.16	0.00	5056.00	1.280	0.10
76.33	0.00	5056.00	1.280	0.10
76.49	0.00	5056.00	1.280	0.10
76.66	0.00	5056.00	1.280	0.10
76.83	0.00	5056.00	1.280	0.10
76.99	0.00	5056.00	1.280	0.10

AHYMO.OUT

77.16	0.00	5056.00	1.280	0.10
77.33	0.00	5056.00	1.280	0.10
77.49	0.00	5056.00	1.280	0.10
77.66	0.00	5056.00	1.280	0.10
77.83	0.00	5056.00	1.280	0.10
77.99	0.00	5056.00	1.280	0.10
78.16	0.00	5056.00	1.280	0.10
78.33	0.00	5056.00	1.280	0.10
78.49	0.00	5056.00	1.280	0.10
78.66	0.00	5056.00	1.280	0.10
78.83	0.00	5056.00	1.280	0.10
78.99	0.00	5056.00	1.280	0.10
79.16	0.00	5056.00	1.280	0.10
79.33	0.00	5056.00	1.280	0.10
79.49	0.00	5056.00	1.280	0.10
79.66	0.00	5056.00	1.280	0.10
79.83	0.00	5056.00	1.280	0.10
79.99	0.00	5056.00	1.280	0.10
80.16	0.00	5056.00	1.280	0.10
80.33	0.00	5056.00	1.280	0.10
80.49	0.00	5056.00	1.280	0.10
80.66	0.00	5056.00	1.280	0.10
80.83	0.00	5056.00	1.280	0.10
80.99	0.00	5056.00	1.280	0.10
81.16	0.00	5056.00	1.280	0.10
81.33	0.00	5056.00	1.280	0.10
81.49	0.00	5056.00	1.280	0.10
81.66	0.00	5056.00	1.280	0.10
81.83	0.00	5056.00	1.280	0.10
81.99	0.00	5056.00	1.280	0.10
82.16	0.00	5056.00	1.280	0.10
82.33	0.00	5056.00	1.280	0.10
82.49	0.00	5056.00	1.280	0.10
82.66	0.00	5056.00	1.280	0.10
82.83	0.00	5056.00	1.280	0.10
82.99	0.00	5056.00	1.280	0.10
83.16	0.00	5056.00	1.280	0.10
83.33	0.00	5056.00	1.280	0.10
83.49	0.00	5056.00	1.280	0.10
83.66	0.00	5056.00	1.280	0.10
83.82	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
83.99	0.00	5056.00	1.280	0.10
84.16	0.00	5056.00	1.280	0.10
84.32	0.00	5056.00	1.280	0.10
84.49	0.00	5056.00	1.280	0.10
84.66	0.00	5056.00	1.280	0.10
84.82	0.00	5056.00	1.280	0.10
84.99	0.00	5056.00	1.280	0.10
85.16	0.00	5056.00	1.280	0.10
85.32	0.00	5056.00	1.280	0.10
85.49	0.00	5056.00	1.280	0.10
85.66	0.00	5056.00	1.280	0.10
85.82	0.00	5056.00	1.280	0.10

AHYMO.OUT

85.99	0.00	5056.00	1.280	0.10
86.16	0.00	5056.00	1.280	0.10
86.32	0.00	5056.00	1.280	0.10
86.49	0.00	5056.00	1.280	0.10
86.66	0.00	5056.00	1.280	0.10
86.82	0.00	5056.00	1.280	0.10
86.99	0.00	5056.00	1.280	0.10
87.16	0.00	5056.00	1.280	0.10
87.32	0.00	5056.00	1.280	0.10
87.49	0.00	5056.00	1.280	0.10
87.66	0.00	5056.00	1.280	0.10
87.82	0.00	5056.00	1.280	0.10
87.99	0.00	5056.00	1.280	0.10
88.16	0.00	5056.00	1.280	0.10
88.32	0.00	5056.00	1.280	0.10
88.49	0.00	5056.00	1.280	0.10
88.66	0.00	5056.00	1.280	0.10
88.82	0.00	5056.00	1.280	0.10
88.99	0.00	5056.00	1.280	0.10
89.16	0.00	5056.00	1.280	0.10
89.32	0.00	5056.00	1.280	0.10
89.49	0.00	5056.00	1.280	0.10
89.66	0.00	5056.00	1.280	0.10
89.82	0.00	5056.00	1.280	0.10
89.99	0.00	5056.00	1.280	0.10
90.16	0.00	5056.00	1.280	0.10
90.32	0.00	5056.00	1.280	0.10
90.49	0.00	5056.00	1.280	0.10
90.66	0.00	5056.00	1.280	0.10
90.82	0.00	5056.00	1.280	0.10
90.99	0.00	5056.00	1.280	0.10
91.16	0.00	5056.00	1.280	0.10
91.32	0.00	5056.00	1.280	0.10
91.49	0.00	5056.00	1.280	0.10
91.66	0.00	5056.00	1.280	0.10
91.82	0.00	5056.00	1.280	0.10
91.99	0.00	5056.00	1.280	0.10
92.16	0.00	5056.00	1.280	0.10
92.32	0.00	5056.00	1.280	0.10
92.49	0.00	5056.00	1.280	0.10
92.66	0.00	5056.00	1.280	0.10
92.82	0.00	5056.00	1.280	0.10
92.99	0.00	5056.00	1.280	0.10
93.16	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
93.32	0.00	5056.00	1.280	0.10
93.49	0.00	5056.00	1.280	0.10
93.66	0.00	5056.00	1.280	0.10
93.82	0.00	5056.00	1.280	0.10
93.99	0.00	5056.00	1.280	0.10
94.16	0.00	5056.00	1.280	0.10
94.32	0.00	5056.00	1.280	0.10
94.49	0.00	5056.00	1.280	0.10
94.66	0.00	5056.00	1.280	0.10

AHYMO.OUT

94.82	0.00	5056.00	1.280	0.10
94.99	0.00	5056.00	1.280	0.10
95.16	0.00	5056.00	1.280	0.10
95.32	0.00	5056.00	1.280	0.10
95.49	0.00	5056.00	1.280	0.10
95.66	0.00	5056.00	1.280	0.10
95.82	0.00	5056.00	1.280	0.10
95.99	0.00	5056.00	1.280	0.10
96.16	0.00	5056.00	1.280	0.10
96.32	0.00	5056.00	1.280	0.10
96.49	0.00	5056.00	1.280	0.10
96.66	0.00	5056.00	1.280	0.10
96.82	0.00	5056.00	1.280	0.10
96.99	0.00	5056.00	1.280	0.10
97.16	0.00	5056.00	1.280	0.10
97.32	0.00	5056.00	1.280	0.10
97.49	0.00	5056.00	1.280	0.10
97.66	0.00	5056.00	1.280	0.10
97.82	0.00	5056.00	1.280	0.10
97.99	0.00	5056.00	1.280	0.10
98.16	0.00	5056.00	1.280	0.10
98.32	0.00	5056.00	1.280	0.10
98.49	0.00	5056.00	1.280	0.10
98.66	0.00	5056.00	1.280	0.10
98.82	0.00	5056.00	1.280	0.10
98.99	0.00	5056.00	1.280	0.10
99.16	0.00	5056.00	1.280	0.10
99.32	0.00	5056.00	1.280	0.10
99.49	0.00	5056.00	1.280	0.10
99.66	0.00	5056.00	1.280	0.10
99.82	0.00	5056.00	1.280	0.10
99.99	0.00	5056.00	1.280	0.10
100.16	0.00	5056.00	1.280	0.10
100.32	0.00	5056.00	1.280	0.10
100.49	0.00	5056.00	1.280	0.10
100.66	0.00	5056.00	1.280	0.10
100.82	0.00	5056.00	1.280	0.10
100.99	0.00	5056.00	1.280	0.10
101.16	0.00	5056.00	1.280	0.10
101.32	0.00	5056.00	1.280	0.10
101.49	0.00	5056.00	1.280	0.10
101.66	0.00	5056.00	1.280	0.10
101.82	0.00	5056.00	1.280	0.10
101.99	0.00	5056.00	1.280	0.10
102.16	0.00	5056.00	1.280	0.10
102.32	0.00	5056.00	1.280	0.10
102.49	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
102.66	0.00	5056.00	1.280	0.10
102.82	0.00	5056.00	1.280	0.10
102.99	0.00	5056.00	1.280	0.10
103.16	0.00	5056.00	1.280	0.10
103.32	0.00	5056.00	1.280	0.10
103.49	0.00	5056.00	1.280	0.10

AHYMO.OUT

103.66	0.00	5056.00	1.280	0.10
103.82	0.00	5056.00	1.280	0.10
103.99	0.00	5056.00	1.280	0.10
104.16	0.00	5056.00	1.280	0.10
104.32	0.00	5056.00	1.280	0.10
104.49	0.00	5056.00	1.280	0.10
104.66	0.00	5056.00	1.280	0.10
104.82	0.00	5056.00	1.280	0.10
104.99	0.00	5056.00	1.280	0.10
105.16	0.00	5056.00	1.280	0.10
105.32	0.00	5056.00	1.280	0.10
105.49	0.00	5056.00	1.280	0.10
105.66	0.00	5056.00	1.280	0.10
105.82	0.00	5056.00	1.280	0.10
105.99	0.00	5056.00	1.280	0.10
106.16	0.00	5056.00	1.280	0.10
106.32	0.00	5056.00	1.280	0.10
106.49	0.00	5056.00	1.280	0.10
106.66	0.00	5056.00	1.280	0.10
106.82	0.00	5056.00	1.280	0.10
106.99	0.00	5056.00	1.280	0.10
107.16	0.00	5056.00	1.280	0.10
107.32	0.00	5056.00	1.280	0.10
107.49	0.00	5056.00	1.280	0.10
107.66	0.00	5056.00	1.280	0.10
107.82	0.00	5056.00	1.280	0.10
107.99	0.00	5056.00	1.280	0.10
108.16	0.00	5056.00	1.280	0.10
108.32	0.00	5056.00	1.280	0.10
108.49	0.00	5056.00	1.280	0.10
108.66	0.00	5056.00	1.280	0.10
108.82	0.00	5056.00	1.280	0.10
108.99	0.00	5056.00	1.280	0.10
109.16	0.00	5056.00	1.280	0.10
109.32	0.00	5056.00	1.280	0.10
109.49	0.00	5056.00	1.280	0.10
109.66	0.00	5056.00	1.280	0.10
109.82	0.00	5056.00	1.280	0.10
109.99	0.00	5056.00	1.280	0.10
110.16	0.00	5056.00	1.280	0.10
110.32	0.00	5056.00	1.280	0.10
110.49	0.00	5056.00	1.280	0.10
110.66	0.00	5056.00	1.280	0.10
110.82	0.00	5056.00	1.280	0.10
110.99	0.00	5056.00	1.280	0.10
111.16	0.00	5056.00	1.280	0.10
111.32	0.00	5056.00	1.280	0.10
111.49	0.00	5056.00	1.280	0.10
111.66	0.00	5056.00	1.280	0.10
111.82	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
111.99	0.00	5056.00	1.280	0.10
112.16	0.00	5056.00	1.280	0.10
112.32	0.00	5056.00	1.280	0.10

AHYMO.OUT

112.49	0.00	5056.00	1.280	0.10
112.66	0.00	5056.00	1.280	0.10
112.82	0.00	5056.00	1.280	0.10
112.99	0.00	5056.00	1.280	0.10
113.16	0.00	5056.00	1.280	0.10
113.32	0.00	5056.00	1.280	0.10
113.49	0.00	5056.00	1.280	0.10
113.66	0.00	5056.00	1.280	0.10
113.82	0.00	5056.00	1.280	0.10
113.99	0.00	5056.00	1.280	0.10
114.16	0.00	5056.00	1.280	0.10
114.32	0.00	5056.00	1.280	0.10
114.49	0.00	5056.00	1.280	0.10
114.66	0.00	5056.00	1.280	0.10
114.82	0.00	5056.00	1.280	0.10
114.99	0.00	5056.00	1.280	0.10
115.16	0.00	5056.00	1.280	0.10
115.32	0.00	5056.00	1.280	0.10
115.49	0.00	5056.00	1.280	0.10
115.66	0.00	5056.00	1.280	0.10
115.82	0.00	5056.00	1.280	0.10
115.99	0.00	5056.00	1.280	0.10
116.16	0.00	5056.00	1.280	0.10
116.32	0.00	5056.00	1.280	0.10
116.49	0.00	5056.00	1.280	0.10
116.66	0.00	5056.00	1.280	0.10
116.82	0.00	5056.00	1.280	0.10
116.99	0.00	5056.00	1.280	0.10
117.15	0.00	5056.00	1.280	0.10
117.32	0.00	5056.00	1.280	0.10
117.49	0.00	5056.00	1.280	0.10
117.65	0.00	5056.00	1.280	0.10
117.82	0.00	5056.00	1.280	0.10
117.99	0.00	5056.00	1.280	0.10
118.15	0.00	5056.00	1.280	0.10
118.32	0.00	5056.00	1.280	0.10
118.49	0.00	5056.00	1.280	0.10
118.65	0.00	5056.00	1.280	0.10
118.82	0.00	5056.00	1.280	0.10
118.99	0.00	5056.00	1.280	0.10
119.15	0.00	5056.00	1.280	0.10
119.32	0.00	5056.00	1.280	0.10
119.49	0.00	5056.00	1.280	0.10
119.65	0.00	5056.00	1.280	0.10
119.82	0.00	5056.00	1.280	0.10
119.99	0.00	5056.00	1.280	0.10
120.15	0.00	5056.00	1.280	0.10
120.32	0.00	5056.00	1.280	0.10
120.49	0.00	5056.00	1.280	0.10
120.65	0.00	5056.00	1.280	0.10
120.82	0.00	5056.00	1.280	0.10
120.99	0.00	5056.00	1.280	0.10
121.15	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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121.32	0.00	5056.00	1.280	0.10
121.49	0.00	5056.00	1.280	0.10
121.65	0.00	5056.00	1.280	0.10
121.82	0.00	5056.00	1.280	0.10
121.99	0.00	5056.00	1.280	0.10
122.15	0.00	5056.00	1.280	0.10
122.32	0.00	5056.00	1.280	0.10
122.49	0.00	5056.00	1.280	0.10
122.65	0.00	5056.00	1.280	0.10
122.82	0.00	5056.00	1.280	0.10
122.99	0.00	5056.00	1.280	0.10
123.15	0.00	5056.00	1.280	0.10
123.32	0.00	5056.00	1.280	0.10
123.49	0.00	5056.00	1.280	0.10
123.65	0.00	5056.00	1.280	0.10
123.82	0.00	5056.00	1.280	0.10
123.99	0.00	5056.00	1.280	0.10
124.15	0.00	5056.00	1.280	0.10
124.32	0.00	5056.00	1.280	0.10
124.49	0.00	5056.00	1.280	0.10
124.65	0.00	5056.00	1.280	0.10
124.82	0.00	5056.00	1.280	0.10
124.99	0.00	5056.00	1.280	0.10
125.15	0.00	5056.00	1.280	0.10
125.32	0.00	5056.00	1.280	0.10
125.49	0.00	5056.00	1.280	0.10
125.65	0.00	5056.00	1.280	0.10
125.82	0.00	5056.00	1.280	0.10
125.99	0.00	5056.00	1.280	0.10
126.15	0.00	5056.00	1.280	0.10
126.32	0.00	5056.00	1.280	0.10
126.49	0.00	5056.00	1.280	0.10
126.65	0.00	5056.00	1.280	0.10
126.82	0.00	5056.00	1.280	0.10
126.99	0.00	5056.00	1.280	0.10
127.15	0.00	5056.00	1.280	0.10
127.32	0.00	5056.00	1.280	0.10
127.49	0.00	5056.00	1.280	0.10
127.65	0.00	5056.00	1.280	0.10
127.82	0.00	5056.00	1.280	0.10
127.99	0.00	5056.00	1.280	0.10
128.15	0.00	5056.00	1.280	0.10
128.32	0.00	5056.00	1.280	0.10
128.49	0.00	5056.00	1.280	0.10
128.65	0.00	5056.00	1.280	0.10
128.82	0.00	5056.00	1.280	0.10
128.99	0.00	5056.00	1.280	0.10
129.15	0.00	5056.00	1.280	0.10
129.32	0.00	5056.00	1.280	0.10
129.49	0.00	5056.00	1.280	0.10
129.65	0.00	5056.00	1.280	0.10
129.82	0.00	5056.00	1.280	0.10
129.99	0.00	5056.00	1.280	0.10
130.15	0.00	5056.00	1.280	0.10
130.32	0.00	5056.00	1.280	0.10
130.49	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	AHYMO.OUT OUTFLOW (CFS)
130.65	0.00	5056.00	1.280	0.10
130.82	0.00	5056.00	1.280	0.10
130.99	0.00	5056.00	1.280	0.10
131.15	0.00	5056.00	1.280	0.10
131.32	0.00	5056.00	1.280	0.10
131.49	0.00	5056.00	1.280	0.10
131.65	0.00	5056.00	1.280	0.10
131.82	0.00	5056.00	1.280	0.10
131.99	0.00	5056.00	1.280	0.10
132.15	0.00	5056.00	1.280	0.10
132.32	0.00	5056.00	1.280	0.10
132.49	0.00	5056.00	1.280	0.10
132.65	0.00	5056.00	1.280	0.10
132.82	0.00	5056.00	1.280	0.10
132.99	0.00	5056.00	1.280	0.10
133.15	0.00	5056.00	1.280	0.10

PEAK DISCHARGE = 105.757 CFS - PEAK OCCURS AT HOUR 1.67
 MAXIMUM WATER SURFACE ELEVATION = 5058.988
 MAXIMUM STORAGE = 2.9624 AC-FT INCREMENTAL TIME= 0.033330HRS

*****48" SD INV OUT=5056.5

*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED C

*SEE SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)

*TOTAL FLOW FROM DRAINAGE POND OUTLET STRUCTURE TO S-2 STRUCTUR

PRINT HYD ID = 33

HYDROGRAPH FROM AREA OUTFLOW

FLOW	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS
CFS	0.000	0.0	26.664	0.1	53.328	0.1	79.993
0.1	106.659	0.1	26.698	0.1	53.361	0.1	80.026
0.1	106.692	0.1	26.731	0.1	53.394	0.1	80.059
0.1	106.726	0.1	26.764	0.1	53.428	0.1	80.093
0.1	106.759	0.1	26.798	0.1	53.461	0.1	80.126
0.1	106.792	0.1	26.831	0.1	53.494	0.1	80.159
0.1	106.826	0.1	26.864	0.1	53.528	0.1	80.193
0.1	106.859	0.1	26.898	0.1	53.561	0.1	80.226
0.1	106.892	0.1	26.931	0.1	53.594	0.1	80.259
0.1	106.926	0.1	26.964	0.1	53.628	0.1	80.293
0.1	106.959	0.1	26.998	0.1	53.661	0.1	80.326
0.1	106.992	0.1					

				AHYMO.OUT			
	0.367	0.1	27.031	0.1	53.694	0.1	80.359
0.1	107.026	0.1					
	0.400	0.1	27.064	0.1	53.728	0.1	80.393
0.1	107.059	0.1					
	0.433	0.1	27.098	0.1	53.761	0.1	80.426
0.1	107.092	0.1					
	0.467	0.1	27.131	0.1	53.794	0.1	80.459
0.1	107.126	0.1					
	0.500	0.1	27.164	0.1	53.828	0.1	80.493
0.1	107.159	0.1					
	0.533	0.1	27.198	0.1	53.861	0.1	80.526
0.1	107.192	0.1					
	0.567	0.1	27.231	0.1	53.894	0.1	80.559
0.1	107.226	0.1					
	0.600	0.1	27.264	0.1	53.928	0.1	80.593
0.1	107.259	0.1					
	0.633	0.1	27.298	0.1	53.961	0.1	80.626
0.1	107.292	0.1					
	0.667	0.1	27.331	0.1	53.994	0.1	80.659
0.1	107.326	0.1					
	0.700	0.1	27.364	0.1	54.028	0.1	80.693
0.1	107.359	0.1					
	0.733	0.1	27.398	0.1	54.061	0.1	80.726
0.1	107.392	0.1					
	0.767	0.1	27.431	0.1	54.094	0.1	80.759
0.1	107.426	0.1					
	0.800	0.1	27.464	0.1	54.128	0.1	80.793
0.1	107.459	0.1					
	0.833	0.1	27.498	0.1	54.161	0.1	80.826
0.1	107.492	0.1					
	0.867	0.1	27.531	0.1	54.194	0.1	80.859
0.1	107.526	0.1					
	0.900	0.1	27.564	0.1	54.228	0.1	80.893
0.1	107.559	0.1					
	0.933	0.1	27.598	0.1	54.261	0.1	80.926
0.1	107.592	0.1					
	0.967	0.1	27.631	0.1	54.294	0.1	80.959
0.1	107.626	0.1					
	1.000	0.1	27.664	0.1	54.328	0.1	80.993
0.1	107.659	0.1					
	1.033	0.1	27.698	0.1	54.361	0.1	81.026
0.1	107.692	0.1					
	1.067	0.1	27.731	0.1	54.394	0.1	81.059
0.1	107.726	0.1					
	1.100	0.1	27.764	0.1	54.428	0.1	81.093
0.1	107.759	0.1					
	1.133	0.1	27.798	0.1	54.461	0.1	81.126
0.1	107.792	0.1					
	1.167	0.1	27.831	0.1	54.494	0.1	81.159
0.1	107.826	0.1					
	1.200	0.1	27.864	0.1	54.528	0.1	81.193
0.1	107.859	0.1					
	1.233	0.1	27.898	0.1	54.561	0.1	81.226
0.1	107.892	0.1					
	1.267	0.1	27.931	0.1	54.594	0.1	81.259
0.1	107.926	0.1					
	1.300	0.1	27.964	0.1	54.628	0.1	81.293

AHYMO.OUT							
0.1	107.959	0.1					
	1.333	0.1	27.998	0.1	54.661	0.1	81.326
0.1	107.992	0.1					
	1.367	0.1	28.031	0.1	54.694	0.1	81.359
0.1	108.026	0.1					
	1.400	0.1	28.064	0.1	54.728	0.1	81.393
0.1	108.059	0.1					
	1.433	0.1	28.098	0.1	54.761	0.1	81.426
0.1	108.092	0.1					
	1.467	0.1	28.131	0.1	54.794	0.1	81.459
0.1	108.126	0.1					
	1.500	9.2	28.164	0.1	54.828	0.1	81.493
0.1	108.159	0.1					
	1.533	67.4	28.198	0.1	54.861	0.1	81.526
0.1	108.192	0.1					
	1.567	86.9	28.231	0.1	54.894	0.1	81.559
0.1	108.226	0.1					
	1.600	97.4	28.264	0.1	54.928	0.1	81.593
0.1	108.259	0.1					
	1.633	103.7	28.297	0.1	54.961	0.1	81.626
0.1	108.292	0.1					
	1.666	105.8	28.331	0.1	54.994	0.1	81.659
0.1	108.326	0.1					
	1.700	104.3	28.364	0.1	55.028	0.1	81.693
0.1	108.359	0.1					
	1.733	100.8	28.397	0.1	55.061	0.1	81.726
0.1	108.392	0.1					
	1.766	96.5	28.431	0.1	55.094	0.1	81.759
0.1	108.426	0.1					
	1.800	91.9	28.464	0.1	55.128	0.1	81.793
0.1	108.459	0.1					
	1.833	86.9	28.497	0.1	55.161	0.1	81.826
0.1	108.492	0.1					
	1.866	80.4	28.531	0.1	55.194	0.1	81.859
0.1	108.526	0.1					
	1.900	73.9	28.564	0.1	55.228	0.1	81.893
0.1	108.559	0.1					
	1.933	67.7	28.597	0.1	55.261	0.1	81.926
0.1	108.592	0.1					
	1.966	61.9	28.631	0.1	55.294	0.1	81.959
0.1	108.626	0.1					
	2.000	49.2	28.664	0.1	55.328	0.1	81.993
0.1	108.659	0.1					
	2.033	39.1	28.697	0.1	55.361	0.1	82.026
0.1	108.692	0.1					
	2.066	31.4	28.731	0.1	55.394	0.1	82.059
0.1	108.726	0.1					
	2.100	25.6	28.764	0.1	55.428	0.1	82.093
0.1	108.759	0.1					
	2.133	21.2	28.797	0.1	55.461	0.1	82.126
0.1	108.792	0.1					
	2.166	17.9	28.831	0.1	55.494	0.1	82.159
0.1	108.826	0.1					
	2.200	15.2	28.864	0.1	55.528	0.1	82.193
0.1	108.859	0.1					
	2.233	13.2	28.897	0.1	55.561	0.1	82.226
0.1	108.892	0.1					

				AHYMO.OUT			
	2.266	11.5	28.931	0.1	55.594	0.1	82.259
0.1	108.926	0.1					
	2.300	10.2	28.964	0.1	55.627	0.1	82.293
0.1	108.959	0.1					
	2.333	9.1	28.997	0.1	55.661	0.1	82.326
0.1	108.992	0.1					
	2.366	8.1	29.031	0.1	55.694	0.1	82.359
0.1	109.026	0.1					
	2.400	7.4	29.064	0.1	55.727	0.1	82.393
0.1	109.059	0.1					
	2.433	6.7	29.097	0.1	55.761	0.1	82.426
0.1	109.092	0.1					
	2.466	6.0	29.131	0.1	55.794	0.1	82.459
0.1	109.126	0.1					
	2.500	5.5	29.164	0.1	55.827	0.1	82.493
0.1	109.159	0.1					
	2.533	5.0	29.197	0.1	55.861	0.1	82.526
0.1	109.192	0.1					
	2.566	4.5	29.231	0.1	55.894	0.1	82.559
0.1	109.226	0.1					
	2.600	4.1	29.264	0.1	55.927	0.1	82.593
0.1	109.259	0.1					
	2.633	3.7	29.297	0.1	55.961	0.1	82.626
0.1	109.292	0.1					
	2.666	3.4	29.331	0.1	55.994	0.1	82.659
0.1	109.326	0.1					
	2.700	3.1	29.364	0.1	56.027	0.1	82.693
0.1	109.359	0.1					
	2.733	2.9	29.397	0.1	56.061	0.1	82.726
0.1	109.392	0.1					
	2.766	2.7	29.431	0.1	56.094	0.1	82.759
0.1	109.426	0.1					
	2.800	2.5	29.464	0.1	56.127	0.1	82.793
0.1	109.459	0.1					
	2.833	2.3	29.497	0.1	56.161	0.1	82.826
0.1	109.492	0.1					
	2.866	2.1	29.531	0.1	56.194	0.1	82.859
0.1	109.526	0.1					
	2.900	1.9	29.564	0.1	56.227	0.1	82.893
0.1	109.559	0.1					
	2.933	1.8	29.597	0.1	56.261	0.1	82.926
0.1	109.592	0.1					
	2.966	1.7	29.631	0.1	56.294	0.1	82.959
0.1	109.626	0.1					
	3.000	1.5	29.664	0.1	56.327	0.1	82.993
0.1	109.659	0.1					
	3.033	1.4	29.697	0.1	56.361	0.1	83.026
0.1	109.692	0.1					
	3.066	1.3	29.731	0.1	56.394	0.1	83.059
0.1	109.726	0.1					
	3.100	1.3	29.764	0.1	56.427	0.1	83.093
0.1	109.759	0.1					
	3.133	1.2	29.797	0.1	56.461	0.1	83.126
0.1	109.792	0.1					
	3.166	1.1	29.831	0.1	56.494	0.1	83.159
0.1	109.826	0.1					
	3.200	1.0	29.864	0.1	56.527	0.1	83.193

AHYMO.OUT							
0.1	109.859	0.1					
	3.233	1.0	29.897	0.1	56.561	0.1	83.226
0.1	109.892	0.1					
	3.266	0.9	29.931	0.1	56.594	0.1	83.259
0.1	109.926	0.1					
	3.300	0.8	29.964	0.1	56.627	0.1	83.293
0.1	109.959	0.1					
	3.333	0.8	29.997	0.1	56.661	0.1	83.326
0.1	109.992	0.1					
	3.366	0.7	30.031	0.1	56.694	0.1	83.359
0.1	110.026	0.1					
	3.400	0.7	30.064	0.1	56.727	0.1	83.393
0.1	110.059	0.1					
	3.433	0.7	30.097	0.1	56.761	0.1	83.426
0.1	110.092	0.1					
	3.466	0.6	30.131	0.1	56.794	0.1	83.459
0.1	110.126	0.1					
	3.500	0.6	30.164	0.1	56.827	0.1	83.493
0.1	110.159	0.1					
	3.533	0.5	30.197	0.1	56.861	0.1	83.526
0.1	110.192	0.1					
	3.566	0.5	30.231	0.1	56.894	0.1	83.559
0.1	110.226	0.1					
	3.600	0.5	30.264	0.1	56.927	0.1	83.593
0.1	110.259	0.1					
	3.633	0.5	30.297	0.1	56.961	0.1	83.626
0.1	110.292	0.1					
	3.666	0.4	30.331	0.1	56.994	0.1	83.659
0.1	110.326	0.1					
	3.700	0.4	30.364	0.1	57.027	0.1	83.693
0.1	110.359	0.1					
	3.733	0.4	30.397	0.1	57.061	0.1	83.726
0.1	110.392	0.1					
	3.766	0.4	30.431	0.1	57.094	0.1	83.759
0.1	110.426	0.1					
	3.800	0.4	30.464	0.1	57.127	0.1	83.793
0.1	110.459	0.1					
	3.833	0.3	30.497	0.1	57.161	0.1	83.826
0.1	110.492	0.1					
	3.866	0.3	30.531	0.1	57.194	0.1	83.859
0.1	110.526	0.1					
	3.900	0.3	30.564	0.1	57.227	0.1	83.893
0.1	110.559	0.1					
	3.933	0.3	30.597	0.1	57.261	0.1	83.926
0.1	110.592	0.1					
	3.966	0.3	30.631	0.1	57.294	0.1	83.959
0.1	110.626	0.1					
	4.000	0.3	30.664	0.1	57.327	0.1	83.993
0.1	110.659	0.1					
	4.033	0.3	30.697	0.1	57.361	0.1	84.026
0.1	110.692	0.1					
	4.066	0.3	30.731	0.1	57.394	0.1	84.059
0.1	110.726	0.1					
	4.100	0.3	30.764	0.1	57.427	0.1	84.093
0.1	110.759	0.1					
	4.133	0.3	30.797	0.1	57.461	0.1	84.126
0.1	110.792	0.1					

				AHYMO.OUT			
	4.166	0.3	30.831	0.1	57.494	0.1	84.159
0.1	110.826	0.1					
	4.200	0.3	30.864	0.1	57.527	0.1	84.193
0.1	110.859	0.1					
	4.233	0.3	30.897	0.1	57.561	0.1	84.226
0.1	110.892	0.1					
	4.266	0.3	30.931	0.1	57.594	0.1	84.259
0.1	110.926	0.1					
	4.300	0.3	30.964	0.1	57.627	0.1	84.293
0.1	110.959	0.1					
	4.333	0.3	30.997	0.1	57.661	0.1	84.326
0.1	110.992	0.1					
	4.366	0.3	31.031	0.1	57.694	0.1	84.359
0.1	111.026	0.1					
	4.400	0.3	31.064	0.1	57.727	0.1	84.393
0.1	111.059	0.1					
	4.433	0.3	31.097	0.1	57.761	0.1	84.426
0.1	111.092	0.1					
	4.466	0.3	31.131	0.1	57.794	0.1	84.459
0.1	111.126	0.1					
	4.500	0.3	31.164	0.1	57.827	0.1	84.493
0.1	111.159	0.1					
	4.533	0.3	31.197	0.1	57.861	0.1	84.526
0.1	111.192	0.1					
	4.566	0.3	31.231	0.1	57.894	0.1	84.559
0.1	111.226	0.1					
	4.600	0.3	31.264	0.1	57.927	0.1	84.593
0.1	111.259	0.1					
	4.633	0.3	31.297	0.1	57.961	0.1	84.626
0.1	111.292	0.1					
	4.666	0.3	31.331	0.1	57.994	0.1	84.659
0.1	111.326	0.1					
	4.700	0.3	31.364	0.1	58.027	0.1	84.693
0.1	111.359	0.1					
	4.733	0.3	31.397	0.1	58.061	0.1	84.726
0.1	111.392	0.1					
	4.766	0.3	31.431	0.1	58.094	0.1	84.759
0.1	111.426	0.1					
	4.800	0.3	31.464	0.1	58.127	0.1	84.793
0.1	111.459	0.1					
	4.833	0.3	31.497	0.1	58.160	0.1	84.826
0.1	111.492	0.1					
	4.866	0.3	31.531	0.1	58.194	0.1	84.859
0.1	111.526	0.1					
	4.900	0.3	31.564	0.1	58.227	0.1	84.893
0.1	111.559	0.1					
	4.933	0.3	31.597	0.1	58.260	0.1	84.926
0.1	111.592	0.1					
	4.966	0.3	31.631	0.1	58.294	0.1	84.959
0.1	111.626	0.1					
	4.999	0.3	31.664	0.1	58.327	0.1	84.993
0.1	111.659	0.1					
	5.033	0.3	31.697	0.1	58.360	0.1	85.026
0.1	111.692	0.1					
	5.066	0.3	31.731	0.1	58.394	0.1	85.059
0.1	111.726	0.1					
	5.099	0.3	31.764	0.1	58.427	0.1	85.093

AHYMO.OUT							
0.1	111.759	0.1					
	5.133	0.3	31.797	0.1	58.460	0.1	85.126
0.1	111.792	0.1					
	5.166	0.3	31.831	0.1	58.494	0.1	85.159
0.1	111.826	0.1					
	5.199	0.3	31.864	0.1	58.527	0.1	85.193
0.1	111.859	0.1					
	5.233	0.3	31.897	0.1	58.560	0.1	85.226
0.1	111.892	0.1					
	5.266	0.3	31.931	0.1	58.594	0.1	85.259
0.1	111.926	0.1					
	5.299	0.3	31.964	0.1	58.627	0.1	85.293
0.1	111.959	0.1					
	5.333	0.3	31.997	0.1	58.660	0.1	85.326
0.1	111.992	0.1					
	5.366	0.3	32.031	0.1	58.694	0.1	85.359
0.1	112.026	0.1					
	5.399	0.3	32.064	0.1	58.727	0.1	85.393
0.1	112.059	0.1					
	5.433	0.3	32.097	0.1	58.760	0.1	85.426
0.1	112.092	0.1					
	5.466	0.3	32.131	0.1	58.794	0.1	85.459
0.1	112.126	0.1					
	5.499	0.3	32.164	0.1	58.827	0.1	85.493
0.1	112.159	0.1					
	5.533	0.3	32.197	0.1	58.860	0.1	85.526
0.1	112.192	0.1					
	5.566	0.3	32.231	0.1	58.894	0.1	85.559
0.1	112.226	0.1					
	5.599	0.3	32.264	0.1	58.927	0.1	85.593
0.1	112.259	0.1					
	5.633	0.3	32.297	0.1	58.960	0.1	85.626
0.1	112.292	0.1					
	5.666	0.3	32.331	0.1	58.994	0.1	85.659
0.1	112.326	0.1					
	5.699	0.3	32.364	0.1	59.027	0.1	85.693
0.1	112.359	0.1					
	5.733	0.3	32.397	0.1	59.060	0.1	85.726
0.1	112.392	0.1					
	5.766	0.3	32.431	0.1	59.094	0.1	85.759
0.1	112.426	0.1					
	5.799	0.3	32.464	0.1	59.127	0.1	85.793
0.1	112.459	0.1					
	5.833	0.3	32.497	0.1	59.160	0.1	85.826
0.1	112.492	0.1					
	5.866	0.3	32.530	0.1	59.194	0.1	85.859
0.1	112.526	0.1					
	5.899	0.3	32.564	0.1	59.227	0.1	85.893
0.1	112.559	0.1					
	5.933	0.3	32.597	0.1	59.260	0.1	85.926
0.1	112.592	0.1					
	5.966	0.3	32.630	0.1	59.294	0.1	85.959
0.1	112.626	0.1					
	5.999	0.3	32.664	0.1	59.327	0.1	85.993
0.1	112.659	0.1					
	6.033	0.3	32.697	0.1	59.360	0.1	86.026
0.1	112.692	0.1					

				AHYMO.OUT			
	6.066	0.3	32.730	0.1	59.394	0.1	86.059
0.1	112.726	0.1					
	6.099	0.3	32.764	0.1	59.427	0.1	86.093
0.1	112.759	0.1					
	6.133	0.3	32.797	0.1	59.460	0.1	86.126
0.1	112.792	0.1					
	6.166	0.3	32.830	0.1	59.494	0.1	86.159
0.1	112.826	0.1					
	6.199	0.2	32.864	0.1	59.527	0.1	86.193
0.1	112.859	0.1					
	6.233	0.2	32.897	0.1	59.560	0.1	86.226
0.1	112.892	0.1					
	6.266	0.2	32.930	0.1	59.594	0.1	86.259
0.1	112.926	0.1					
	6.299	0.2	32.964	0.1	59.627	0.1	86.293
0.1	112.959	0.1					
	6.333	0.2	32.997	0.1	59.660	0.1	86.326
0.1	112.992	0.1					
	6.366	0.1	33.030	0.1	59.694	0.1	86.359
0.1	113.026	0.1					
	6.399	0.1	33.064	0.1	59.727	0.1	86.393
0.1	113.059	0.1					
	6.433	0.1	33.097	0.1	59.760	0.1	86.426
0.1	113.092	0.1					
	6.466	0.1	33.130	0.1	59.794	0.1	86.459
0.1	113.126	0.1					
	6.499	0.1	33.164	0.1	59.827	0.1	86.493
0.1	113.159	0.1					
	6.533	0.1	33.197	0.1	59.860	0.1	86.526
0.1	113.192	0.1					
	6.566	0.1	33.230	0.1	59.894	0.1	86.559
0.1	113.226	0.1					
	6.599	0.1	33.264	0.1	59.927	0.1	86.593
0.1	113.259	0.1					
	6.633	0.1	33.297	0.1	59.960	0.1	86.626
0.1	113.292	0.1					
	6.666	0.1	33.330	0.1	59.994	0.1	86.659
0.1	113.326	0.1					
	6.699	0.1	33.364	0.1	60.027	0.1	86.693
0.1	113.359	0.1					
	6.733	0.1	33.397	0.1	60.060	0.1	86.726
0.1	113.392	0.1					
	6.766	0.1	33.430	0.1	60.094	0.1	86.759
0.1	113.426	0.1					
	6.799	0.1	33.464	0.1	60.127	0.1	86.793
0.1	113.459	0.1					
	6.833	0.1	33.497	0.1	60.160	0.1	86.826
0.1	113.492	0.1					
	6.866	0.1	33.530	0.1	60.194	0.1	86.859
0.1	113.526	0.1					
	6.899	0.1	33.564	0.1	60.227	0.1	86.893
0.1	113.559	0.1					
	6.933	0.1	33.597	0.1	60.260	0.1	86.926
0.1	113.592	0.1					
	6.966	0.1	33.630	0.1	60.294	0.1	86.959
0.1	113.626	0.1					
	6.999	0.1	33.664	0.1	60.327	0.1	86.993

AHYMO.OUT							
0.1	113.659	0.1					
	7.033	0.1	33.697	0.1	60.360	0.1	87.026
0.1	113.692	0.1					
	7.066	0.1	33.730	0.1	60.394	0.1	87.059
0.1	113.726	0.1					
	7.099	0.1	33.764	0.1	60.427	0.1	87.093
0.1	113.759	0.1					
	7.133	0.1	33.797	0.1	60.460	0.1	87.126
0.1	113.792	0.1					
	7.166	0.1	33.830	0.1	60.494	0.1	87.159
0.1	113.826	0.1					
	7.199	0.1	33.864	0.1	60.527	0.1	87.193
0.1	113.859	0.1					
	7.233	0.1	33.897	0.1	60.560	0.1	87.226
0.1	113.892	0.1					
	7.266	0.1	33.930	0.1	60.594	0.1	87.259
0.1	113.926	0.1					
	7.299	0.1	33.964	0.1	60.627	0.1	87.293
0.1	113.959	0.1					
	7.333	0.1	33.997	0.1	60.660	0.1	87.326
0.1	113.992	0.1					
	7.366	0.1	34.030	0.1	60.694	0.1	87.359
0.1	114.026	0.1					
	7.399	0.1	34.064	0.1	60.727	0.1	87.393
0.1	114.059	0.1					
	7.433	0.1	34.097	0.1	60.760	0.1	87.426
0.1	114.092	0.1					
	7.466	0.1	34.130	0.1	60.793	0.1	87.459
0.1	114.126	0.1					
	7.499	0.1	34.164	0.1	60.827	0.1	87.493
0.1	114.159	0.1					
	7.533	0.1	34.197	0.1	60.860	0.1	87.526
0.1	114.192	0.1					
	7.566	0.1	34.230	0.1	60.893	0.1	87.559
0.1	114.226	0.1					
	7.599	0.1	34.264	0.1	60.927	0.1	87.593
0.1	114.259	0.1					
	7.633	0.1	34.297	0.1	60.960	0.1	87.626
0.1	114.292	0.1					
	7.666	0.1	34.330	0.1	60.993	0.1	87.659
0.1	114.326	0.1					
	7.699	0.1	34.364	0.1	61.027	0.1	87.693
0.1	114.359	0.1					
	7.733	0.1	34.397	0.1	61.060	0.1	87.726
0.1	114.392	0.1					
	7.766	0.1	34.430	0.1	61.093	0.1	87.759
0.1	114.426	0.1					
	7.799	0.1	34.464	0.1	61.127	0.1	87.793
0.1	114.459	0.1					
	7.833	0.1	34.497	0.1	61.160	0.1	87.826
0.1	114.492	0.1					
	7.866	0.1	34.530	0.1	61.193	0.1	87.859
0.1	114.526	0.1					
	7.899	0.1	34.564	0.1	61.227	0.1	87.893
0.1	114.559	0.1					
	7.933	0.1	34.597	0.1	61.260	0.1	87.926
0.1	114.592	0.1					

				AHYMO.OUT			
	7.966	0.1	34.630	0.1	61.293	0.1	87.959
0.1	114.626	0.1					
	7.999	0.1	34.664	0.1	61.327	0.1	87.993
0.1	114.659	0.1					
	8.033	0.1	34.697	0.1	61.360	0.1	88.026
0.1	114.692	0.1					
	8.066	0.1	34.730	0.1	61.393	0.1	88.059
0.1	114.726	0.1					
	8.099	0.1	34.764	0.1	61.427	0.1	88.093
0.1	114.759	0.1					
	8.133	0.1	34.797	0.1	61.460	0.1	88.126
0.1	114.792	0.1					
	8.166	0.1	34.830	0.1	61.493	0.1	88.159
0.1	114.826	0.1					
	8.199	0.1	34.864	0.1	61.527	0.1	88.193
0.1	114.859	0.1					
	8.233	0.1	34.897	0.1	61.560	0.1	88.226
0.1	114.892	0.1					
	8.266	0.1	34.930	0.1	61.593	0.1	88.259
0.1	114.926	0.1					
	8.299	0.1	34.964	0.1	61.627	0.1	88.293
0.1	114.959	0.1					
	8.332	0.1	34.997	0.1	61.660	0.1	88.326
0.1	114.992	0.1					
	8.366	0.1	35.030	0.1	61.693	0.1	88.359
0.1	115.026	0.1					
	8.399	0.1	35.063	0.1	61.727	0.1	88.393
0.1	115.059	0.1					
	8.432	0.1	35.097	0.1	61.760	0.1	88.426
0.1	115.092	0.1					
	8.466	0.1	35.130	0.1	61.793	0.1	88.459
0.1	115.126	0.1					
	8.499	0.1	35.163	0.1	61.827	0.1	88.493
0.1	115.159	0.1					
	8.532	0.1	35.197	0.1	61.860	0.1	88.526
0.1	115.192	0.1					
	8.566	0.1	35.230	0.1	61.893	0.1	88.559
0.1	115.226	0.1					
	8.599	0.1	35.263	0.1	61.927	0.1	88.593
0.1	115.259	0.1					
	8.632	0.1	35.297	0.1	61.960	0.1	88.626
0.1	115.292	0.1					
	8.666	0.1	35.330	0.1	61.993	0.1	88.659
0.1	115.326	0.1					
	8.699	0.1	35.363	0.1	62.027	0.1	88.693
0.1	115.359	0.1					
	8.732	0.1	35.397	0.1	62.060	0.1	88.726
0.1	115.392	0.1					
	8.766	0.1	35.430	0.1	62.093	0.1	88.759
0.1	115.426	0.1					
	8.799	0.1	35.463	0.1	62.127	0.1	88.793
0.1	115.459	0.1					
	8.832	0.1	35.497	0.1	62.160	0.1	88.826
0.1	115.492	0.1					
	8.866	0.1	35.530	0.1	62.193	0.1	88.859
0.1	115.526	0.1					
	8.899	0.1	35.563	0.1	62.227	0.1	88.893

AHYMO.OUT							
0.1	115.559	0.1					
	8.932	0.1	35.597	0.1	62.260	0.1	88.926
0.1	115.592	0.1					
	8.966	0.1	35.630	0.1	62.293	0.1	88.959
0.1	115.626	0.1					
	8.999	0.1	35.663	0.1	62.327	0.1	88.993
0.1	115.659	0.1					
	9.032	0.1	35.697	0.1	62.360	0.1	89.026
0.1	115.692	0.1					
	9.066	0.1	35.730	0.1	62.393	0.1	89.059
0.1	115.726	0.1					
	9.099	0.1	35.763	0.1	62.427	0.1	89.093
0.1	115.759	0.1					
	9.132	0.1	35.797	0.1	62.460	0.1	89.126
0.1	115.792	0.1					
	9.166	0.1	35.830	0.1	62.493	0.1	89.159
0.1	115.826	0.1					
	9.199	0.1	35.863	0.1	62.527	0.1	89.193
0.1	115.859	0.1					
	9.232	0.1	35.897	0.1	62.560	0.1	89.226
0.1	115.892	0.1					
	9.266	0.1	35.930	0.1	62.593	0.1	89.259
0.1	115.926	0.1					
	9.299	0.1	35.963	0.1	62.627	0.1	89.293
0.1	115.959	0.1					
	9.332	0.1	35.997	0.1	62.660	0.1	89.326
0.1	115.992	0.1					
	9.366	0.1	36.030	0.1	62.693	0.1	89.359
0.1	116.026	0.1					
	9.399	0.1	36.063	0.1	62.727	0.1	89.393
0.1	116.059	0.1					
	9.432	0.1	36.097	0.1	62.760	0.1	89.426
0.1	116.092	0.1					
	9.466	0.1	36.130	0.1	62.793	0.1	89.459
0.1	116.126	0.1					
	9.499	0.1	36.163	0.1	62.827	0.1	89.493
0.1	116.159	0.1					
	9.532	0.1	36.197	0.1	62.860	0.1	89.526
0.1	116.192	0.1					
	9.566	0.1	36.230	0.1	62.893	0.1	89.559
0.1	116.226	0.1					
	9.599	0.1	36.263	0.1	62.927	0.1	89.593
0.1	116.259	0.1					
	9.632	0.1	36.297	0.1	62.960	0.1	89.626
0.1	116.292	0.1					
	9.666	0.1	36.330	0.1	62.993	0.1	89.659
0.1	116.326	0.1					
	9.699	0.1	36.363	0.1	63.027	0.1	89.693
0.1	116.359	0.1					
	9.732	0.1	36.397	0.1	63.060	0.1	89.726
0.1	116.392	0.1					
	9.766	0.1	36.430	0.1	63.093	0.1	89.759
0.1	116.426	0.1					
	9.799	0.1	36.463	0.1	63.127	0.1	89.793
0.1	116.459	0.1					
	9.832	0.1	36.497	0.1	63.160	0.1	89.826
0.1	116.492	0.1					

				AHYMO.OUT			
	9.866	0.1	36.530	0.1	63.193	0.1	89.859
0.1	116.526	0.1					
	9.899	0.1	36.563	0.1	63.227	0.1	89.893
0.1	116.559	0.1					
	9.932	0.1	36.597	0.1	63.260	0.1	89.926
0.1	116.592	0.1					
	9.966	0.1	36.630	0.1	63.293	0.1	89.959
0.1	116.626	0.1					
	9.999	0.1	36.663	0.1	63.326	0.1	89.993
0.1	116.659	0.1					
	10.032	0.1	36.697	0.1	63.360	0.1	90.026
0.1	116.692	0.1					
	10.066	0.1	36.730	0.1	63.393	0.1	90.059
0.1	116.726	0.1					
	10.099	0.1	36.763	0.1	63.426	0.1	90.093
0.1	116.759	0.1					
	10.132	0.1	36.797	0.1	63.460	0.1	90.126
0.1	116.792	0.1					
	10.166	0.1	36.830	0.1	63.493	0.1	90.159
0.1	116.826	0.1					
	10.199	0.1	36.863	0.1	63.526	0.1	90.193
0.1	116.859	0.1					
	10.232	0.1	36.897	0.1	63.560	0.1	90.226
0.1	116.892	0.1					
	10.266	0.1	36.930	0.1	63.593	0.1	90.259
0.1	116.926	0.1					
	10.299	0.1	36.963	0.1	63.626	0.1	90.293
0.1	116.959	0.1					
	10.332	0.1	36.997	0.1	63.660	0.1	90.326
0.1	116.992	0.1					
	10.366	0.1	37.030	0.1	63.693	0.1	90.359
0.1	117.026	0.1					
	10.399	0.1	37.063	0.1	63.726	0.1	90.393
0.1	117.059	0.1					
	10.432	0.1	37.097	0.1	63.760	0.1	90.426
0.1	117.092	0.1					
	10.466	0.1	37.130	0.1	63.793	0.1	90.459
0.1	117.126	0.1					
	10.499	0.1	37.163	0.1	63.826	0.1	90.493
0.1	117.159	0.1					
	10.532	0.1	37.197	0.1	63.860	0.1	90.526
0.1	117.192	0.1					
	10.566	0.1	37.230	0.1	63.893	0.1	90.559
0.1	117.226	0.1					
	10.599	0.1	37.263	0.1	63.926	0.1	90.593
0.1	117.259	0.1					
	10.632	0.1	37.297	0.1	63.960	0.1	90.626
0.1	117.292	0.1					
	10.666	0.1	37.330	0.1	63.993	0.1	90.659
0.1	117.326	0.1					
	10.699	0.1	37.363	0.1	64.026	0.1	90.693
0.1	117.359	0.1					
	10.732	0.1	37.397	0.1	64.060	0.1	90.726
0.1	117.392	0.1					
	10.766	0.1	37.430	0.1	64.093	0.1	90.759
0.1	117.426	0.1					
	10.799	0.1	37.463	0.1	64.126	0.1	90.793

AHYMO.OUT							
0.1	117.459	0.1					
	10.832	0.1	37.497	0.1	64.160	0.1	90.826
0.1	117.492	0.1					
	10.866	0.1	37.530	0.1	64.193	0.1	90.859
0.1	117.526	0.1					
	10.899	0.1	37.563	0.1	64.226	0.1	90.893
0.1	117.559	0.1					
	10.932	0.1	37.597	0.1	64.260	0.1	90.926
0.1	117.592	0.1					
	10.966	0.1	37.630	0.1	64.293	0.1	90.959
0.1	117.626	0.1					
	10.999	0.1	37.663	0.1	64.326	0.1	90.993
0.1	117.659	0.1					
	11.032	0.1	37.696	0.1	64.360	0.1	91.026
0.1	117.692	0.1					
	11.066	0.1	37.730	0.1	64.393	0.1	91.059
0.1	117.726	0.1					
	11.099	0.1	37.763	0.1	64.426	0.1	91.093
0.1	117.759	0.1					
	11.132	0.1	37.796	0.1	64.460	0.1	91.126
0.1	117.792	0.1					
	11.166	0.1	37.830	0.1	64.493	0.1	91.159
0.1	117.826	0.1					
	11.199	0.1	37.863	0.1	64.526	0.1	91.193
0.1	117.859	0.1					
	11.232	0.1	37.896	0.1	64.560	0.1	91.226
0.1	117.892	0.1					
	11.266	0.1	37.930	0.1	64.593	0.1	91.259
0.1	117.926	0.1					
	11.299	0.1	37.963	0.1	64.626	0.1	91.293
0.1	117.959	0.1					
	11.332	0.1	37.996	0.1	64.660	0.1	91.326
0.1	117.992	0.1					
	11.366	0.1	38.030	0.1	64.693	0.1	91.359
0.1	118.026	0.1					
	11.399	0.1	38.063	0.1	64.726	0.1	91.393
0.1	118.059	0.1					
	11.432	0.1	38.096	0.1	64.760	0.1	91.426
0.1	118.092	0.1					
	11.466	0.1	38.130	0.1	64.793	0.1	91.459
0.1	118.126	0.1					
	11.499	0.1	38.163	0.1	64.826	0.1	91.493
0.1	118.159	0.1					
	11.532	0.1	38.196	0.1	64.860	0.1	91.526
0.1	118.192	0.1					
	11.565	0.1	38.230	0.1	64.893	0.1	91.559
0.1	118.226	0.1					
	11.599	0.1	38.263	0.1	64.926	0.1	91.593
0.1	118.259	0.1					
	11.632	0.1	38.296	0.1	64.960	0.1	91.626
0.1	118.292	0.1					
	11.665	0.1	38.330	0.1	64.993	0.1	91.659
0.1	118.326	0.1					
	11.699	0.1	38.363	0.1	65.026	0.1	91.693
0.1	118.359	0.1					
	11.732	0.1	38.396	0.1	65.060	0.1	91.726
0.1	118.392	0.1					

				AHYMO.OUT			
	11.765	0.1	38.430	0.1	65.093	0.1	91.759
0.1	118.426	0.1					
	11.799	0.1	38.463	0.1	65.126	0.1	91.793
0.1	118.459	0.1					
	11.832	0.1	38.496	0.1	65.160	0.1	91.826
0.1	118.492	0.1					
	11.865	0.1	38.530	0.1	65.193	0.1	91.859
0.1	118.526	0.1					
	11.899	0.1	38.563	0.1	65.226	0.1	91.893
0.1	118.559	0.1					
	11.932	0.1	38.596	0.1	65.260	0.1	91.926
0.1	118.592	0.1					
	11.965	0.1	38.630	0.1	65.293	0.1	91.959
0.1	118.626	0.1					
	11.999	0.1	38.663	0.1	65.326	0.1	91.993
0.1	118.659	0.1					
	12.032	0.1	38.696	0.1	65.360	0.1	92.026
0.1	118.692	0.1					
	12.065	0.1	38.730	0.1	65.393	0.1	92.059
0.1	118.726	0.1					
	12.099	0.1	38.763	0.1	65.426	0.1	92.093
0.1	118.759	0.1					
	12.132	0.1	38.796	0.1	65.460	0.1	92.126
0.1	118.792	0.1					
	12.165	0.1	38.830	0.1	65.493	0.1	92.159
0.1	118.826	0.1					
	12.199	0.1	38.863	0.1	65.526	0.1	92.193
0.1	118.859	0.1					
	12.232	0.1	38.896	0.1	65.560	0.1	92.226
0.1	118.892	0.1					
	12.265	0.1	38.930	0.1	65.593	0.1	92.259
0.1	118.926	0.1					
	12.299	0.1	38.963	0.1	65.626	0.1	92.293
0.1	118.959	0.1					
	12.332	0.1	38.996	0.1	65.660	0.1	92.326
0.1	118.992	0.1					
	12.365	0.1	39.030	0.1	65.693	0.1	92.359
0.1	119.026	0.1					
	12.399	0.1	39.063	0.1	65.726	0.1	92.393
0.1	119.059	0.1					
	12.432	0.1	39.096	0.1	65.760	0.1	92.426
0.1	119.092	0.1					
	12.465	0.1	39.130	0.1	65.793	0.1	92.459
0.1	119.126	0.1					
	12.499	0.1	39.163	0.1	65.826	0.1	92.493
0.1	119.159	0.1					
	12.532	0.1	39.196	0.1	65.860	0.1	92.526
0.1	119.192	0.1					
	12.565	0.1	39.230	0.1	65.893	0.1	92.559
0.1	119.226	0.1					
	12.599	0.1	39.263	0.1	65.926	0.1	92.593
0.1	119.259	0.1					
	12.632	0.1	39.296	0.1	65.960	0.1	92.626
0.1	119.292	0.1					
	12.665	0.1	39.330	0.1	65.993	0.1	92.659
0.1	119.326	0.1					
	12.699	0.1	39.363	0.1	66.026	0.1	92.693

AHYMO.OUT							
0.1	119.359	0.1					
	12.732	0.1	39.396	0.1	66.060	0.1	92.726
0.1	119.392	0.1					
	12.765	0.1	39.430	0.1	66.093	0.1	92.759
0.1	119.426	0.1					
	12.799	0.1	39.463	0.1	66.126	0.1	92.793
0.1	119.459	0.1					
	12.832	0.1	39.496	0.1	66.160	0.1	92.826
0.1	119.492	0.1					
	12.865	0.1	39.530	0.1	66.193	0.1	92.859
0.1	119.526	0.1					
	12.899	0.1	39.563	0.1	66.226	0.1	92.893
0.1	119.559	0.1					
	12.932	0.1	39.596	0.1	66.260	0.1	92.926
0.1	119.592	0.1					
	12.965	0.1	39.630	0.1	66.293	0.1	92.959
0.1	119.626	0.1					
	12.999	0.1	39.663	0.1	66.326	0.1	92.993
0.1	119.659	0.1					
	13.032	0.1	39.696	0.1	66.360	0.1	93.026
0.1	119.692	0.1					
	13.065	0.1	39.730	0.1	66.393	0.1	93.059
0.1	119.726	0.1					
	13.099	0.1	39.763	0.1	66.426	0.1	93.093
0.1	119.759	0.1					
	13.132	0.1	39.796	0.1	66.460	0.1	93.126
0.1	119.792	0.1					
	13.165	0.1	39.830	0.1	66.493	0.1	93.159
0.1	119.826	0.1					
	13.199	0.1	39.863	0.1	66.526	0.1	93.193
0.1	119.859	0.1					
	13.232	0.1	39.896	0.1	66.560	0.1	93.226
0.1	119.892	0.1					
	13.265	0.1	39.930	0.1	66.593	0.1	93.259
0.1	119.926	0.1					
	13.299	0.1	39.963	0.1	66.626	0.1	93.293
0.1	119.959	0.1					
	13.332	0.1	39.996	0.1	66.660	0.1	93.326
0.1	119.992	0.1					
	13.365	0.1	40.030	0.1	66.693	0.1	93.359
0.1	120.026	0.1					
	13.399	0.1	40.063	0.1	66.726	0.1	93.393
0.1	120.059	0.1					
	13.432	0.1	40.096	0.1	66.760	0.1	93.426
0.1	120.092	0.1					
	13.465	0.1	40.130	0.1	66.793	0.1	93.459
0.1	120.126	0.1					
	13.499	0.1	40.163	0.1	66.826	0.1	93.493
0.1	120.159	0.1					
	13.532	0.1	40.196	0.1	66.860	0.1	93.526
0.1	120.192	0.1					
	13.565	0.1	40.229	0.1	66.893	0.1	93.559
0.1	120.226	0.1					
	13.599	0.1	40.263	0.1	66.926	0.1	93.593
0.1	120.259	0.1					
	13.632	0.1	40.296	0.1	66.960	0.1	93.626
0.1	120.292	0.1					

				AHYMO.OUT			
	13.665	0.1	40.329	0.1	66.993	0.1	93.659
0.1	120.326	0.1					
	13.699	0.1	40.363	0.1	67.026	0.1	93.693
0.1	120.359	0.1					
	13.732	0.1	40.396	0.1	67.060	0.1	93.726
0.1	120.392	0.1					
	13.765	0.1	40.429	0.1	67.093	0.1	93.759
0.1	120.426	0.1					
	13.799	0.1	40.463	0.1	67.126	0.1	93.793
0.1	120.459	0.1					
	13.832	0.1	40.496	0.1	67.160	0.1	93.826
0.1	120.492	0.1					
	13.865	0.1	40.529	0.1	67.193	0.1	93.859
0.1	120.526	0.1					
	13.899	0.1	40.563	0.1	67.226	0.1	93.893
0.1	120.559	0.1					
	13.932	0.1	40.596	0.1	67.260	0.1	93.926
0.1	120.592	0.1					
	13.965	0.1	40.629	0.1	67.293	0.1	93.959
0.1	120.626	0.1					
	13.999	0.1	40.663	0.1	67.326	0.1	93.993
0.1	120.659	0.1					
	14.032	0.1	40.696	0.1	67.360	0.1	94.026
0.1	120.692	0.1					
	14.065	0.1	40.729	0.1	67.393	0.1	94.059
0.1	120.726	0.1					
	14.099	0.1	40.763	0.1	67.426	0.1	94.093
0.1	120.759	0.1					
	14.132	0.1	40.796	0.1	67.460	0.1	94.126
0.1	120.792	0.1					
	14.165	0.1	40.829	0.1	67.493	0.1	94.159
0.1	120.826	0.1					
	14.199	0.1	40.863	0.1	67.526	0.1	94.193
0.1	120.859	0.1					
	14.232	0.1	40.896	0.1	67.560	0.1	94.226
0.1	120.892	0.1					
	14.265	0.1	40.929	0.1	67.593	0.1	94.259
0.1	120.926	0.1					
	14.299	0.1	40.963	0.1	67.626	0.1	94.293
0.1	120.959	0.1					
	14.332	0.1	40.996	0.1	67.660	0.1	94.326
0.1	120.992	0.1					
	14.365	0.1	41.029	0.1	67.693	0.1	94.359
0.1	121.026	0.1					
	14.399	0.1	41.063	0.1	67.726	0.1	94.393
0.1	121.059	0.1					
	14.432	0.1	41.096	0.1	67.760	0.1	94.426
0.1	121.092	0.1					
	14.465	0.1	41.129	0.1	67.793	0.1	94.459
0.1	121.126	0.1					
	14.499	0.1	41.163	0.1	67.826	0.1	94.493
0.1	121.159	0.1					
	14.532	0.1	41.196	0.1	67.860	0.1	94.526
0.1	121.192	0.1					
	14.565	0.1	41.229	0.1	67.893	0.1	94.559
0.1	121.226	0.1					
	14.599	0.1	41.263	0.1	67.926	0.1	94.593

AHYMO.OUT							
0.1	121.259	0.1					
	14.632	0.1	41.296	0.1	67.960	0.1	94.626
0.1	121.292	0.1					
	14.665	0.1	41.329	0.1	67.993	0.1	94.659
0.1	121.326	0.1					
	14.699	0.1	41.363	0.1	68.026	0.1	94.693
0.1	121.359	0.1					
	14.732	0.1	41.396	0.1	68.060	0.1	94.726
0.1	121.392	0.1					
	14.765	0.1	41.429	0.1	68.093	0.1	94.759
0.1	121.426	0.1					
	14.799	0.1	41.463	0.1	68.126	0.1	94.793
0.1	121.459	0.1					
	14.832	0.1	41.496	0.1	68.160	0.1	94.826
0.1	121.492	0.1					
	14.865	0.1	41.529	0.1	68.193	0.1	94.859
0.1	121.526	0.1					
	14.898	0.1	41.563	0.1	68.226	0.1	94.893
0.1	121.559	0.1					
	14.932	0.1	41.596	0.1	68.260	0.1	94.926
0.1	121.592	0.1					
	14.965	0.1	41.629	0.1	68.293	0.1	94.959
0.1	121.626	0.1					
	14.998	0.1	41.663	0.1	68.326	0.1	94.993
0.1	121.659	0.1					
	15.032	0.1	41.696	0.1	68.360	0.1	95.026
0.1	121.692	0.1					
	15.065	0.1	41.729	0.1	68.393	0.1	95.059
0.1	121.726	0.1					
	15.098	0.1	41.763	0.1	68.426	0.1	95.093
0.1	121.759	0.1					
	15.132	0.1	41.796	0.1	68.460	0.1	95.126
0.1	121.792	0.1					
	15.165	0.1	41.829	0.1	68.493	0.1	95.159
0.1	121.826	0.1					
	15.198	0.1	41.863	0.1	68.526	0.1	95.193
0.1	121.859	0.1					
	15.232	0.1	41.896	0.1	68.560	0.1	95.226
0.1	121.892	0.1					
	15.265	0.1	41.929	0.1	68.593	0.1	95.259
0.1	121.926	0.1					
	15.298	0.1	41.963	0.1	68.626	0.1	95.293
0.1	121.959	0.1					
	15.332	0.1	41.996	0.1	68.660	0.1	95.326
0.1	121.992	0.1					
	15.365	0.1	42.029	0.1	68.693	0.1	95.359
0.1	122.026	0.1					
	15.398	0.1	42.063	0.1	68.726	0.1	95.393
0.1	122.059	0.1					
	15.432	0.1	42.096	0.1	68.760	0.1	95.426
0.1	122.092	0.1					
	15.465	0.1	42.129	0.1	68.793	0.1	95.459
0.1	122.126	0.1					
	15.498	0.1	42.163	0.1	68.826	0.1	95.493
0.1	122.159	0.1					
	15.532	0.1	42.196	0.1	68.860	0.1	95.526
0.1	122.192	0.1					

				AHYMO.OUT			
	15.565	0.1	42.229	0.1	68.893	0.1	95.559
0.1	122.226	0.1					
	15.598	0.1	42.263	0.1	68.926	0.1	95.593
0.1	122.259	0.1					
	15.632	0.1	42.296	0.1	68.960	0.1	95.626
0.1	122.292	0.1					
	15.665	0.1	42.329	0.1	68.993	0.1	95.659
0.1	122.326	0.1					
	15.698	0.1	42.363	0.1	69.026	0.1	95.693
0.1	122.359	0.1					
	15.732	0.1	42.396	0.1	69.060	0.1	95.726
0.1	122.392	0.1					
	15.765	0.1	42.429	0.1	69.093	0.1	95.759
0.1	122.426	0.1					
	15.798	0.1	42.463	0.1	69.126	0.1	95.793
0.1	122.459	0.1					
	15.832	0.1	42.496	0.1	69.160	0.1	95.826
0.1	122.492	0.1					
	15.865	0.1	42.529	0.1	69.193	0.1	95.859
0.1	122.526	0.1					
	15.898	0.1	42.563	0.1	69.226	0.1	95.893
0.1	122.559	0.1					
	15.932	0.1	42.596	0.1	69.260	0.1	95.926
0.1	122.592	0.1					
	15.965	0.1	42.629	0.1	69.293	0.1	95.959
0.1	122.626	0.1					
	15.998	0.1	42.663	0.1	69.326	0.1	95.993
0.1	122.659	0.1					
	16.032	0.1	42.696	0.1	69.360	0.1	96.026
0.1	122.692	0.1					
	16.065	0.1	42.729	0.1	69.393	0.1	96.059
0.1	122.726	0.1					
	16.098	0.1	42.762	0.1	69.426	0.1	96.093
0.1	122.759	0.1					
	16.132	0.1	42.796	0.1	69.460	0.1	96.126
0.1	122.792	0.1					
	16.165	0.1	42.829	0.1	69.493	0.1	96.159
0.1	122.826	0.1					
	16.198	0.1	42.862	0.1	69.526	0.1	96.193
0.1	122.859	0.1					
	16.232	0.1	42.896	0.1	69.560	0.1	96.226
0.1	122.892	0.1					
	16.265	0.1	42.929	0.1	69.593	0.1	96.259
0.1	122.926	0.1					
	16.298	0.1	42.962	0.1	69.626	0.1	96.293
0.1	122.959	0.1					
	16.332	0.1	42.996	0.1	69.660	0.1	96.326
0.1	122.992	0.1					
	16.365	0.1	43.029	0.1	69.693	0.1	96.359
0.1	123.026	0.1					
	16.398	0.1	43.062	0.1	69.726	0.1	96.393
0.1	123.059	0.1					
	16.432	0.1	43.096	0.1	69.760	0.1	96.426
0.1	123.092	0.1					
	16.465	0.1	43.129	0.1	69.793	0.1	96.459
0.1	123.126	0.1					
	16.498	0.1	43.162	0.1	69.826	0.1	96.493

AHYMO.OUT							
0.1	123.159	0.1					
	16.532	0.1	43.196	0.1	69.860	0.1	96.526
0.1	123.192	0.1					
	16.565	0.1	43.229	0.1	69.893	0.1	96.559
0.1	123.226	0.1					
	16.598	0.1	43.262	0.1	69.926	0.1	96.593
0.1	123.259	0.1					
	16.632	0.1	43.296	0.1	69.960	0.1	96.626
0.1	123.292	0.1					
	16.665	0.1	43.329	0.1	69.993	0.1	96.659
0.1	123.326	0.1					
	16.698	0.1	43.362	0.1	70.026	0.1	96.693
0.1	123.359	0.1					
	16.732	0.1	43.396	0.1	70.060	0.1	96.726
0.1	123.392	0.1					
	16.765	0.1	43.429	0.1	70.093	0.1	96.759
0.1	123.425	0.1					
	16.798	0.1	43.462	0.1	70.126	0.1	96.793
0.1	123.459	0.1					
	16.832	0.1	43.496	0.1	70.160	0.1	96.826
0.1	123.492	0.1					
	16.865	0.1	43.529	0.1	70.193	0.1	96.859
0.1	123.525	0.1					
	16.898	0.1	43.562	0.1	70.226	0.1	96.893
0.1	123.559	0.1					
	16.932	0.1	43.596	0.1	70.260	0.1	96.926
0.1	123.592	0.1					
	16.965	0.1	43.629	0.1	70.293	0.1	96.959
0.1	123.625	0.1					
	16.998	0.1	43.662	0.1	70.326	0.1	96.993
0.1	123.659	0.1					
	17.032	0.1	43.696	0.1	70.360	0.1	97.026
0.1	123.692	0.1					
	17.065	0.1	43.729	0.1	70.393	0.1	97.059
0.1	123.725	0.1					
	17.098	0.1	43.762	0.1	70.426	0.1	97.093
0.1	123.759	0.1					
	17.132	0.1	43.796	0.1	70.460	0.1	97.126
0.1	123.792	0.1					
	17.165	0.1	43.829	0.1	70.493	0.1	97.159
0.1	123.825	0.1					
	17.198	0.1	43.862	0.1	70.526	0.1	97.193
0.1	123.859	0.1					
	17.232	0.1	43.896	0.1	70.560	0.1	97.226
0.1	123.892	0.1					
	17.265	0.1	43.929	0.1	70.593	0.1	97.259
0.1	123.925	0.1					
	17.298	0.1	43.962	0.1	70.626	0.1	97.293
0.1	123.959	0.1					
	17.332	0.1	43.996	0.1	70.660	0.1	97.326
0.1	123.992	0.1					
	17.365	0.1	44.029	0.1	70.693	0.1	97.359
0.1	124.025	0.1					
	17.398	0.1	44.062	0.1	70.726	0.1	97.393
0.1	124.059	0.1					
	17.432	0.1	44.096	0.1	70.760	0.1	97.426
0.1	124.092	0.1					

				AHYMO.OUT			
	17.465	0.1	44.129	0.1	70.793	0.1	97.459
0.1	124.125	0.1					
	17.498	0.1	44.162	0.1	70.826	0.1	97.493
0.1	124.159	0.1					
	17.532	0.1	44.196	0.1	70.860	0.1	97.526
0.1	124.192	0.1					
	17.565	0.1	44.229	0.1	70.893	0.1	97.559
0.1	124.225	0.1					
	17.598	0.1	44.262	0.1	70.926	0.1	97.593
0.1	124.259	0.1					
	17.632	0.1	44.296	0.1	70.960	0.1	97.626
0.1	124.292	0.1					
	17.665	0.1	44.329	0.1	70.993	0.1	97.659
0.1	124.325	0.1					
	17.698	0.1	44.362	0.1	71.026	0.1	97.693
0.1	124.359	0.1					
	17.732	0.1	44.396	0.1	71.060	0.1	97.726
0.1	124.392	0.1					
	17.765	0.1	44.429	0.1	71.093	0.1	97.759
0.1	124.425	0.1					
	17.798	0.1	44.462	0.1	71.126	0.1	97.793
0.1	124.459	0.1					
	17.832	0.1	44.496	0.1	71.160	0.1	97.826
0.1	124.492	0.1					
	17.865	0.1	44.529	0.1	71.193	0.1	97.859
0.1	124.525	0.1					
	17.898	0.1	44.562	0.1	71.226	0.1	97.893
0.1	124.559	0.1					
	17.932	0.1	44.596	0.1	71.260	0.1	97.926
0.1	124.592	0.1					
	17.965	0.1	44.629	0.1	71.293	0.1	97.959
0.1	124.625	0.1					
	17.998	0.1	44.662	0.1	71.326	0.1	97.993
0.1	124.659	0.1					
	18.032	0.1	44.696	0.1	71.360	0.1	98.026
0.1	124.692	0.1					
	18.065	0.1	44.729	0.1	71.393	0.1	98.059
0.1	124.725	0.1					
	18.098	0.1	44.762	0.1	71.426	0.1	98.093
0.1	124.759	0.1					
	18.132	0.1	44.796	0.1	71.460	0.1	98.126
0.1	124.792	0.1					
	18.165	0.1	44.829	0.1	71.493	0.1	98.159
0.1	124.825	0.1					
	18.198	0.1	44.862	0.1	71.526	0.1	98.193
0.1	124.859	0.1					
	18.232	0.1	44.896	0.1	71.560	0.1	98.226
0.1	124.892	0.1					
	18.265	0.1	44.929	0.1	71.593	0.1	98.259
0.1	124.925	0.1					
	18.298	0.1	44.962	0.1	71.626	0.1	98.293
0.1	124.959	0.1					
	18.332	0.1	44.996	0.1	71.660	0.1	98.326
0.1	124.992	0.1					
	18.365	0.1	45.029	0.1	71.693	0.1	98.359
0.1	125.025	0.1					
	18.398	0.1	45.062	0.1	71.726	0.1	98.393

AHYMO.OUT							
0.1	125.059	0.1					
	18.432	0.1	45.096	0.1	71.760	0.1	98.426
0.1	125.092	0.1					
	18.465	0.1	45.129	0.1	71.793	0.1	98.459
0.1	125.125	0.1					
	18.498	0.1	45.162	0.1	71.826	0.1	98.493
0.1	125.159	0.1					
	18.532	0.1	45.196	0.1	71.860	0.1	98.526
0.1	125.192	0.1					
	18.565	0.1	45.229	0.1	71.893	0.1	98.559
0.1	125.225	0.1					
	18.598	0.1	45.262	0.1	71.926	0.1	98.593
0.1	125.259	0.1					
	18.632	0.1	45.296	0.1	71.960	0.1	98.626
0.1	125.292	0.1					
	18.665	0.1	45.329	0.1	71.993	0.1	98.659
0.1	125.325	0.1					
	18.698	0.1	45.362	0.1	72.026	0.1	98.693
0.1	125.359	0.1					
	18.732	0.1	45.395	0.1	72.060	0.1	98.726
0.1	125.392	0.1					
	18.765	0.1	45.429	0.1	72.093	0.1	98.759
0.1	125.425	0.1					
	18.798	0.1	45.462	0.1	72.126	0.1	98.793
0.1	125.459	0.1					
	18.832	0.1	45.495	0.1	72.160	0.1	98.826
0.1	125.492	0.1					
	18.865	0.1	45.529	0.1	72.193	0.1	98.859
0.1	125.525	0.1					
	18.898	0.1	45.562	0.1	72.226	0.1	98.893
0.1	125.559	0.1					
	18.932	0.1	45.595	0.1	72.260	0.1	98.926
0.1	125.592	0.1					
	18.965	0.1	45.629	0.1	72.293	0.1	98.959
0.1	125.625	0.1					
	18.998	0.1	45.662	0.1	72.326	0.1	98.993
0.1	125.659	0.1					
	19.031	0.1	45.695	0.1	72.360	0.1	99.026
0.1	125.692	0.1					
	19.065	0.1	45.729	0.1	72.393	0.1	99.059
0.1	125.725	0.1					
	19.098	0.1	45.762	0.1	72.426	0.1	99.093
0.1	125.759	0.1					
	19.131	0.1	45.795	0.1	72.460	0.1	99.126
0.1	125.792	0.1					
	19.165	0.1	45.829	0.1	72.493	0.1	99.159
0.1	125.825	0.1					
	19.198	0.1	45.862	0.1	72.526	0.1	99.193
0.1	125.859	0.1					
	19.231	0.1	45.895	0.1	72.560	0.1	99.226
0.1	125.892	0.1					
	19.265	0.1	45.929	0.1	72.593	0.1	99.259
0.1	125.925	0.1					
	19.298	0.1	45.962	0.1	72.626	0.1	99.293
0.1	125.959	0.1					
	19.331	0.1	45.995	0.1	72.660	0.1	99.326
0.1	125.992	0.1					

				AHYMO.OUT			
	19.365	0.1	46.029	0.1	72.693	0.1	99.359
0.1	126.025	0.1					
	19.398	0.1	46.062	0.1	72.726	0.1	99.393
0.1	126.059	0.1					
	19.431	0.1	46.095	0.1	72.760	0.1	99.426
0.1	126.092	0.1					
	19.465	0.1	46.129	0.1	72.793	0.1	99.459
0.1	126.125	0.1					
	19.498	0.1	46.162	0.1	72.826	0.1	99.493
0.1	126.159	0.1					
	19.531	0.1	46.195	0.1	72.860	0.1	99.526
0.1	126.192	0.1					
	19.565	0.1	46.229	0.1	72.893	0.1	99.559
0.1	126.225	0.1					
	19.598	0.1	46.262	0.1	72.926	0.1	99.593
0.1	126.259	0.1					
	19.631	0.1	46.295	0.1	72.960	0.1	99.626
0.1	126.292	0.1					
	19.665	0.1	46.329	0.1	72.993	0.1	99.659
0.1	126.325	0.1					
	19.698	0.1	46.362	0.1	73.026	0.1	99.693
0.1	126.359	0.1					
	19.731	0.1	46.395	0.1	73.060	0.1	99.726
0.1	126.392	0.1					
	19.765	0.1	46.429	0.1	73.093	0.1	99.759
0.1	126.425	0.1					
	19.798	0.1	46.462	0.1	73.126	0.1	99.793
0.1	126.459	0.1					
	19.831	0.1	46.495	0.1	73.160	0.1	99.826
0.1	126.492	0.1					
	19.865	0.1	46.529	0.1	73.193	0.1	99.859
0.1	126.525	0.1					
	19.898	0.1	46.562	0.1	73.226	0.1	99.893
0.1	126.559	0.1					
	19.931	0.1	46.595	0.1	73.260	0.1	99.926
0.1	126.592	0.1					
	19.965	0.1	46.629	0.1	73.293	0.1	99.959
0.1	126.625	0.1					
	19.998	0.1	46.662	0.1	73.326	0.1	99.993
0.1	126.659	0.1					
	20.031	0.1	46.695	0.1	73.360	0.1	100.026
0.1	126.692	0.1					
	20.065	0.1	46.729	0.1	73.393	0.1	100.059
0.1	126.725	0.1					
	20.098	0.1	46.762	0.1	73.426	0.1	100.093
0.1	126.759	0.1					
	20.131	0.1	46.795	0.1	73.460	0.1	100.126
0.1	126.792	0.1					
	20.165	0.1	46.829	0.1	73.493	0.1	100.159
0.1	126.825	0.1					
	20.198	0.1	46.862	0.1	73.526	0.1	100.193
0.1	126.859	0.1					
	20.231	0.1	46.895	0.1	73.560	0.1	100.226
0.1	126.892	0.1					
	20.265	0.1	46.929	0.1	73.593	0.1	100.259
0.1	126.925	0.1					
	20.298	0.1	46.962	0.1	73.626	0.1	100.293

AHYMO.OUT							
0.1	126.959	0.1					
	20.331	0.1	46.995	0.1	73.660	0.1	100.326
0.1	126.992	0.1					
	20.365	0.1	47.029	0.1	73.693	0.1	100.359
0.1	127.025	0.1					
	20.398	0.1	47.062	0.1	73.726	0.1	100.393
0.1	127.059	0.1					
	20.431	0.1	47.095	0.1	73.760	0.1	100.426
0.1	127.092	0.1					
	20.465	0.1	47.129	0.1	73.793	0.1	100.459
0.1	127.125	0.1					
	20.498	0.1	47.162	0.1	73.826	0.1	100.493
0.1	127.159	0.1					
	20.531	0.1	47.195	0.1	73.860	0.1	100.526
0.1	127.192	0.1					
	20.565	0.1	47.229	0.1	73.893	0.1	100.559
0.1	127.225	0.1					
	20.598	0.1	47.262	0.1	73.926	0.1	100.593
0.1	127.259	0.1					
	20.631	0.1	47.295	0.1	73.960	0.1	100.626
0.1	127.292	0.1					
	20.665	0.1	47.329	0.1	73.993	0.1	100.659
0.1	127.325	0.1					
	20.698	0.1	47.362	0.1	74.026	0.1	100.693
0.1	127.359	0.1					
	20.731	0.1	47.395	0.1	74.060	0.1	100.726
0.1	127.392	0.1					
	20.765	0.1	47.429	0.1	74.093	0.1	100.759
0.1	127.425	0.1					
	20.798	0.1	47.462	0.1	74.126	0.1	100.793
0.1	127.459	0.1					
	20.831	0.1	47.495	0.1	74.160	0.1	100.826
0.1	127.492	0.1					
	20.865	0.1	47.529	0.1	74.193	0.1	100.859
0.1	127.525	0.1					
	20.898	0.1	47.562	0.1	74.226	0.1	100.893
0.1	127.559	0.1					
	20.931	0.1	47.595	0.1	74.260	0.1	100.926
0.1	127.592	0.1					
	20.965	0.1	47.629	0.1	74.293	0.1	100.959
0.1	127.625	0.1					
	20.998	0.1	47.662	0.1	74.326	0.1	100.993
0.1	127.659	0.1					
	21.031	0.1	47.695	0.1	74.360	0.1	101.026
0.1	127.692	0.1					
	21.065	0.1	47.729	0.1	74.393	0.1	101.059
0.1	127.725	0.1					
	21.098	0.1	47.762	0.1	74.426	0.1	101.093
0.1	127.759	0.1					
	21.131	0.1	47.795	0.1	74.460	0.1	101.126
0.1	127.792	0.1					
	21.165	0.1	47.829	0.1	74.493	0.1	101.159
0.1	127.825	0.1					
	21.198	0.1	47.862	0.1	74.526	0.1	101.193
0.1	127.859	0.1					
	21.231	0.1	47.895	0.1	74.560	0.1	101.226
0.1	127.892	0.1					

				AHYMO.OUT			
	21.265	0.1	47.928	0.1	74.593	0.1	101.259
0.1	127.925	0.1					
	21.298	0.1	47.962	0.1	74.626	0.1	101.293
0.1	127.959	0.1					
	21.331	0.1	47.995	0.1	74.660	0.1	101.326
0.1	127.992	0.1					
	21.365	0.1	48.028	0.1	74.693	0.1	101.359
0.1	128.025	0.1					
	21.398	0.1	48.062	0.1	74.726	0.1	101.393
0.1	128.059	0.1					
	21.431	0.1	48.095	0.1	74.760	0.1	101.426
0.1	128.092	0.1					
	21.465	0.1	48.128	0.1	74.793	0.1	101.459
0.1	128.125	0.1					
	21.498	0.1	48.162	0.1	74.826	0.1	101.493
0.1	128.159	0.1					
	21.531	0.1	48.195	0.1	74.860	0.1	101.526
0.1	128.192	0.1					
	21.565	0.1	48.228	0.1	74.893	0.1	101.559
0.1	128.225	0.1					
	21.598	0.1	48.262	0.1	74.926	0.1	101.592
0.1	128.259	0.1					
	21.631	0.1	48.295	0.1	74.960	0.1	101.626
0.1	128.292	0.1					
	21.665	0.1	48.328	0.1	74.993	0.1	101.659
0.1	128.325	0.1					
	21.698	0.1	48.362	0.1	75.026	0.1	101.692
0.1	128.359	0.1					
	21.731	0.1	48.395	0.1	75.060	0.1	101.726
0.1	128.392	0.1					
	21.765	0.1	48.428	0.1	75.093	0.1	101.759
0.1	128.425	0.1					
	21.798	0.1	48.462	0.1	75.126	0.1	101.792
0.1	128.459	0.1					
	21.831	0.1	48.495	0.1	75.160	0.1	101.826
0.1	128.492	0.1					
	21.865	0.1	48.528	0.1	75.193	0.1	101.859
0.1	128.525	0.1					
	21.898	0.1	48.562	0.1	75.226	0.1	101.892
0.1	128.559	0.1					
	21.931	0.1	48.595	0.1	75.260	0.1	101.926
0.1	128.592	0.1					
	21.965	0.1	48.628	0.1	75.293	0.1	101.959
0.1	128.625	0.1					
	21.998	0.1	48.662	0.1	75.326	0.1	101.992
0.1	128.659	0.1					
	22.031	0.1	48.695	0.1	75.360	0.1	102.026
0.1	128.692	0.1					
	22.065	0.1	48.728	0.1	75.393	0.1	102.059
0.1	128.725	0.1					
	22.098	0.1	48.762	0.1	75.426	0.1	102.092
0.1	128.759	0.1					
	22.131	0.1	48.795	0.1	75.460	0.1	102.126
0.1	128.792	0.1					
	22.165	0.1	48.828	0.1	75.493	0.1	102.159
0.1	128.825	0.1					
	22.198	0.1	48.862	0.1	75.526	0.1	102.192

AHYMO.OUT							
0.1	128.859	0.1					
	22.231	0.1	48.895	0.1	75.560	0.1	102.226
0.1	128.892	0.1					
	22.265	0.1	48.928	0.1	75.593	0.1	102.259
0.1	128.925	0.1					
	22.298	0.1	48.962	0.1	75.626	0.1	102.292
0.1	128.959	0.1					
	22.331	0.1	48.995	0.1	75.660	0.1	102.326
0.1	128.992	0.1					
	22.365	0.1	49.028	0.1	75.693	0.1	102.359
0.1	129.025	0.1					
	22.398	0.1	49.062	0.1	75.726	0.1	102.392
0.1	129.059	0.1					
	22.431	0.1	49.095	0.1	75.760	0.1	102.426
0.1	129.092	0.1					
	22.465	0.1	49.128	0.1	75.793	0.1	102.459
0.1	129.125	0.1					
	22.498	0.1	49.162	0.1	75.826	0.1	102.492
0.1	129.158	0.1					
	22.531	0.1	49.195	0.1	75.860	0.1	102.526
0.1	129.192	0.1					
	22.565	0.1	49.228	0.1	75.893	0.1	102.559
0.1	129.225	0.1					
	22.598	0.1	49.262	0.1	75.926	0.1	102.592
0.1	129.258	0.1					
	22.631	0.1	49.295	0.1	75.960	0.1	102.626
0.1	129.292	0.1					
	22.665	0.1	49.328	0.1	75.993	0.1	102.659
0.1	129.325	0.1					
	22.698	0.1	49.362	0.1	76.026	0.1	102.692
0.1	129.358	0.1					
	22.731	0.1	49.395	0.1	76.060	0.1	102.726
0.1	129.392	0.1					
	22.765	0.1	49.428	0.1	76.093	0.1	102.759
0.1	129.425	0.1					
	22.798	0.1	49.462	0.1	76.126	0.1	102.792
0.1	129.458	0.1					
	22.831	0.1	49.495	0.1	76.160	0.1	102.826
0.1	129.492	0.1					
	22.865	0.1	49.528	0.1	76.193	0.1	102.859
0.1	129.525	0.1					
	22.898	0.1	49.562	0.1	76.226	0.1	102.892
0.1	129.558	0.1					
	22.931	0.1	49.595	0.1	76.260	0.1	102.926
0.1	129.592	0.1					
	22.965	0.1	49.628	0.1	76.293	0.1	102.959
0.1	129.625	0.1					
	22.998	0.1	49.662	0.1	76.326	0.1	102.992
0.1	129.658	0.1					
	23.031	0.1	49.695	0.1	76.360	0.1	103.026
0.1	129.692	0.1					
	23.065	0.1	49.728	0.1	76.393	0.1	103.059
0.1	129.725	0.1					
	23.098	0.1	49.762	0.1	76.426	0.1	103.092
0.1	129.758	0.1					
	23.131	0.1	49.795	0.1	76.460	0.1	103.126
0.1	129.792	0.1					

				AHYMO.OUT			
	23.165	0.1	49.828	0.1	76.493	0.1	103.159
0.1	129.825	0.1					
	23.198	0.1	49.862	0.1	76.526	0.1	103.192
0.1	129.858	0.1					
	23.231	0.1	49.895	0.1	76.560	0.1	103.226
0.1	129.892	0.1					
	23.265	0.1	49.928	0.1	76.593	0.1	103.259
0.1	129.925	0.1					
	23.298	0.1	49.962	0.1	76.626	0.1	103.292
0.1	129.958	0.1					
	23.331	0.1	49.995	0.1	76.660	0.1	103.326
0.1	129.992	0.1					
	23.365	0.1	50.028	0.1	76.693	0.1	103.359
0.1	130.025	0.1					
	23.398	0.1	50.062	0.1	76.726	0.1	103.392
0.1	130.058	0.1					
	23.431	0.1	50.095	0.1	76.760	0.1	103.426
0.1	130.092	0.1					
	23.465	0.1	50.128	0.1	76.793	0.1	103.459
0.1	130.125	0.1					
	23.498	0.1	50.162	0.1	76.826	0.1	103.492
0.1	130.158	0.1					
	23.531	0.1	50.195	0.1	76.860	0.1	103.526
0.1	130.192	0.1					
	23.565	0.1	50.228	0.1	76.893	0.1	103.559
0.1	130.225	0.1					
	23.598	0.1	50.262	0.1	76.926	0.1	103.592
0.1	130.258	0.1					
	23.631	0.1	50.295	0.1	76.960	0.1	103.626
0.1	130.292	0.1					
	23.664	0.1	50.328	0.1	76.993	0.1	103.659
0.1	130.325	0.1					
	23.698	0.1	50.362	0.1	77.026	0.1	103.692
0.1	130.358	0.1					
	23.731	0.1	50.395	0.1	77.060	0.1	103.726
0.1	130.392	0.1					
	23.764	0.1	50.428	0.1	77.093	0.1	103.759
0.1	130.425	0.1					
	23.798	0.1	50.461	0.1	77.126	0.1	103.792
0.1	130.458	0.1					
	23.831	0.1	50.495	0.1	77.160	0.1	103.826
0.1	130.491	0.1					
	23.864	0.1	50.528	0.1	77.193	0.1	103.859
0.1	130.525	0.1					
	23.898	0.1	50.561	0.1	77.226	0.1	103.892
0.1	130.558	0.1					
	23.931	0.1	50.595	0.1	77.260	0.1	103.926
0.1	130.591	0.1					
	23.964	0.1	50.628	0.1	77.293	0.1	103.959
0.1	130.625	0.1					
	23.998	0.1	50.661	0.1	77.326	0.1	103.992
0.1	130.658	0.1					
	24.031	0.1	50.695	0.1	77.360	0.1	104.026
0.1	130.691	0.1					
	24.064	0.1	50.728	0.1	77.393	0.1	104.059
0.1	130.725	0.1					
	24.098	0.1	50.761	0.1	77.426	0.1	104.092

AHYMO.OUT							
0.1	130.758	0.1					
	24.131	0.1	50.795	0.1	77.460	0.1	104.126
0.1	130.791	0.1					
	24.164	0.1	50.828	0.1	77.493	0.1	104.159
0.1	130.825	0.1					
	24.198	0.1	50.861	0.1	77.526	0.1	104.192
0.1	130.858	0.1					
	24.231	0.1	50.895	0.1	77.560	0.1	104.226
0.1	130.891	0.1					
	24.264	0.1	50.928	0.1	77.593	0.1	104.259
0.1	130.925	0.1					
	24.298	0.1	50.961	0.1	77.626	0.1	104.292
0.1	130.958	0.1					
	24.331	0.1	50.995	0.1	77.660	0.1	104.326
0.1	130.991	0.1					
	24.364	0.1	51.028	0.1	77.693	0.1	104.359
0.1	131.025	0.1					
	24.398	0.1	51.061	0.1	77.726	0.1	104.392
0.1	131.058	0.1					
	24.431	0.1	51.095	0.1	77.760	0.1	104.426
0.1	131.091	0.1					
	24.464	0.1	51.128	0.1	77.793	0.1	104.459
0.1	131.125	0.1					
	24.498	0.1	51.161	0.1	77.826	0.1	104.492
0.1	131.158	0.1					
	24.531	0.1	51.195	0.1	77.860	0.1	104.526
0.1	131.191	0.1					
	24.564	0.1	51.228	0.1	77.893	0.1	104.559
0.1	131.225	0.1					
	24.598	0.1	51.261	0.1	77.926	0.1	104.592
0.1	131.258	0.1					
	24.631	0.1	51.295	0.1	77.960	0.1	104.626
0.1	131.291	0.1					
	24.664	0.1	51.328	0.1	77.993	0.1	104.659
0.1	131.325	0.1					
	24.698	0.1	51.361	0.1	78.026	0.1	104.692
0.1	131.358	0.1					
	24.731	0.1	51.395	0.1	78.060	0.1	104.726
0.1	131.391	0.1					
	24.764	0.1	51.428	0.1	78.093	0.1	104.759
0.1	131.425	0.1					
	24.798	0.1	51.461	0.1	78.126	0.1	104.792
0.1	131.458	0.1					
	24.831	0.1	51.495	0.1	78.160	0.1	104.826
0.1	131.491	0.1					
	24.864	0.1	51.528	0.1	78.193	0.1	104.859
0.1	131.525	0.1					
	24.898	0.1	51.561	0.1	78.226	0.1	104.892
0.1	131.558	0.1					
	24.931	0.1	51.595	0.1	78.260	0.1	104.926
0.1	131.591	0.1					
	24.964	0.1	51.628	0.1	78.293	0.1	104.959
0.1	131.625	0.1					
	24.998	0.1	51.661	0.1	78.326	0.1	104.992
0.1	131.658	0.1					
	25.031	0.1	51.695	0.1	78.360	0.1	105.026
0.1	131.691	0.1					

				AHYMO.OUT			
	25.064	0.1	51.728	0.1	78.393	0.1	105.059
0.1	131.725	0.1					
	25.098	0.1	51.761	0.1	78.426	0.1	105.092
0.1	131.758	0.1					
	25.131	0.1	51.795	0.1	78.460	0.1	105.126
0.1	131.791	0.1					
	25.164	0.1	51.828	0.1	78.493	0.1	105.159
0.1	131.824	0.1					
	25.198	0.1	51.861	0.1	78.526	0.1	105.192
0.1	131.858	0.1					
	25.231	0.1	51.895	0.1	78.560	0.1	105.226
0.1	131.891	0.1					
	25.264	0.1	51.928	0.1	78.593	0.1	105.259
0.1	131.924	0.1					
	25.298	0.1	51.961	0.1	78.626	0.1	105.292
0.1	131.958	0.1					
	25.331	0.1	51.995	0.1	78.660	0.1	105.326
0.1	131.991	0.1					
	25.364	0.1	52.028	0.1	78.693	0.1	105.359
0.1	132.024	0.1					
	25.398	0.1	52.061	0.1	78.726	0.1	105.392
0.1	132.058	0.1					
	25.431	0.1	52.095	0.1	78.760	0.1	105.426
0.1	132.091	0.1					
	25.464	0.1	52.128	0.1	78.793	0.1	105.459
0.1	132.124	0.1					
	25.498	0.1	52.161	0.1	78.826	0.1	105.492
0.1	132.158	0.1					
	25.531	0.1	52.195	0.1	78.860	0.1	105.526
0.1	132.191	0.1					
	25.564	0.1	52.228	0.1	78.893	0.1	105.559
0.1	132.224	0.1					
	25.598	0.1	52.261	0.1	78.926	0.1	105.592
0.1	132.258	0.1					
	25.631	0.1	52.295	0.1	78.960	0.1	105.626
0.1	132.291	0.1					
	25.664	0.1	52.328	0.1	78.993	0.1	105.659
0.1	132.324	0.1					
	25.698	0.1	52.361	0.1	79.026	0.1	105.692
0.1	132.358	0.1					
	25.731	0.1	52.395	0.1	79.060	0.1	105.726
0.1	132.391	0.1					
	25.764	0.1	52.428	0.1	79.093	0.1	105.759
0.1	132.424	0.1					
	25.798	0.1	52.461	0.1	79.126	0.1	105.792
0.1	132.458	0.1					
	25.831	0.1	52.495	0.1	79.160	0.1	105.826
0.1	132.491	0.1					
	25.864	0.1	52.528	0.1	79.193	0.1	105.859
0.1	132.524	0.1					
	25.898	0.1	52.561	0.1	79.226	0.1	105.892
0.1	132.558	0.1					
	25.931	0.1	52.595	0.1	79.260	0.1	105.926
0.1	132.591	0.1					
	25.964	0.1	52.628	0.1	79.293	0.1	105.959
0.1	132.624	0.1					
	25.998	0.1	52.661	0.1	79.326	0.1	105.992

AHYMO.OUT

0.1	132.658	0.1					
	26.031	0.1	52.695	0.1	79.360	0.1	106.026
0.1	132.691	0.1					
	26.064	0.1	52.728	0.1	79.393	0.1	106.059
0.1	132.724	0.1					
	26.098	0.1	52.761	0.1	79.426	0.1	106.092
0.1	132.758	0.1					
	26.131	0.1	52.795	0.1	79.460	0.1	106.126
0.1	132.791	0.1					
	26.164	0.1	52.828	0.1	79.493	0.1	106.159
0.1	132.824	0.1					
	26.198	0.1	52.861	0.1	79.526	0.1	106.192
0.1	132.858	0.1					
	26.231	0.1	52.895	0.1	79.560	0.1	106.226
0.1	132.891	0.1					
	26.264	0.1	52.928	0.1	79.593	0.1	106.259
0.1	132.924	0.1					
	26.298	0.1	52.961	0.1	79.626	0.1	106.292
0.1	132.958	0.1					
	26.331	0.1	52.995	0.1	79.660	0.1	106.326
0.1	132.991	0.1					
	26.364	0.1	53.028	0.1	79.693	0.1	106.359
0.1	133.024	0.1					
	26.398	0.1	53.061	0.1	79.726	0.1	106.392
0.1	133.058	0.1					
	26.431	0.1	53.094	0.1	79.759	0.1	106.426
0.1	133.091	0.1					
	26.464	0.1	53.128	0.1	79.793	0.1	106.459
0.1	133.124	0.1					
	26.498	0.1	53.161	0.1	79.826	0.1	106.492
0.1	133.158	0.1					
	26.531	0.1	53.194	0.1	79.859	0.1	106.526
0.1	133.191	0.1					
	26.564	0.1	53.228	0.1	79.893	0.1	106.559
0.1	133.224	0.1					
	26.598	0.1	53.261	0.1	79.926	0.1	106.592
0.1	133.257	0.1					
	26.631	0.1	53.294	0.1	79.959	0.1	106.626
0.1	133.291	0.1					

RUNOFF VOLUME = 0.96854 INCHES = 5.4541 ACRE-FEET
 PEAK DISCHARGE RATE = 105.76 CFS AT 1.667 HOURS BASIN AREA = 0.1056 SQ. MI.

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 13:19:28

[(s10H

FULL BUILD OUT CONDITION

```

*2345678901234567890
*
* 100 year, 24 hour storm
*
* Future Full Build Out
* For Phase 1 Conditions, Please reference J08D003A for Phase 1 AHYMO files
*
* HMCJ JOB NUMBER 2014.184.4
* APS NORTHWEST EDUCATION CORRIDOR
*
*
START          TIME = 0.0 HR PUNCH CODE = 0 PRINT LINES = -1
*
* RAINFALL DATA FROM NOAA Atlas 14, Volume 1, Version 5
*
RAINFALL      TYPE = 1 RAIN QUARTER = 0.0
              RAIN ONE = 1.80 IN RAIN SIX = 2.31 IN
              RAIN DAY = 2.62 IN DT = 0.03333
*
* COMPUTE DEVELOPED 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF DEVELOPED FULL-
BUILD OUT CONDITION(ON-SITE)
*
* BASIN L9.2A-1
*
COMPUTE NM HYD ID = 1 HYD NO = L9.2A_1 AREA = 0.03288 SQ MI
              PER A = 0.00 PER B = 12.95 PER C = 12.95 PER D = 74.1
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD      ID = 1 CODE = 1
*
* BASIN L9.2A-2
*
COMPUTE NM HYD ID = 2 HYD NO = L9.2A_2 AREA = 0.02071 SQ MI
              PER A = 0.00 PER B = 45.63 PER C = 31.58 PER D = 22.79
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD      ID = 2 CODE = 1
*
* BASIN L9.2A-3
*
COMPUTE NM HYD ID = 3 HYD NO = L9.2A_3 AREA = 0.00329 SQ MI
              PER A = 0.00 PER B = 80.00 PER C = 20.00 PER D = 00.00
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD      ID = 3 CODE = 1
*
* BASIN L9.2A-4
*
COMPUTE NM HYD ID = 4 HYD NO = L9.2A_4 AREA = 0.00388 SQ MI
              PER A = 0.00 PER B = 50.00 PER C = 50.00 PER D = 00.00
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD      ID = 4 CODE = 1
*
* BASIN L9.2A-5
*
COMPUTE NM HYD ID = 5 HYD NO = L9.2A_5 AREA = 0.01090 SQ MI

```

PER A = 0.00 PER B = 22.53 PER C = 22.53 PER D = 54.94

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 5 CODE = 1

*

* BASIN L9.2A-6

*

COMPUTE NM HYD ID = 6 HYD NO = L9.2A_6 AREA = 0.02169 SQ MI

PER A = 0.00 PER B = 11.52 PER C = 11.52 PER D = 76.96

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 6 CODE = 1

*

* BASIN L7.1A

*

COMPUTE NM HYD ID = 7 HYD NO = L7.1A AREA = 0.00575 SQ MI

PER A = 0.00 PER B = 45.76 PER C = 45.76 PER D = 08.48

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 7 CODE = 1

*

* BASIN UD.4A (SITE)

*

COMPUTE NM HYD ID = 8 HYD NO = UD.4A AREA = 0.00955 SQ MI

PER A = 0.00 PER B = 38.22 PER C = 38.22 PER D = 23.56

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 8 CODE = 1

*

* BASIN L9.1B_1

*

COMPUTE NM HYD ID = 9 HYD NO = L9.1B_1 AREA = 0.00720 SQ MI

PER A = 0.00 PER B = 46.78 PER C = 46.78 PER D = 06.44

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 9 CODE = 1

*

* BASIN L9.1B_2

*

COMPUTE NM HYD ID = 10 HYD NO = L9.1B_2 AREA = 0.00462 SQ MI

PER A = 0.00 PER B = 40.11 PER C = 40.11 PER D = 19.78

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 10 CODE = 1

*

* BASIN L9.1B_3

*

COMPUTE NM HYD ID = 11 HYD NO = L9.1B_3 AREA = 0.00839 SQ MI

PER A = 0.00 PER B = 18.18 PER C = 18.18 PER D = 63.64

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 11 CODE = 1

*

* BASIN L9.2B

*

COMPUTE NM HYD ID = 12 HYD NO = L9.2B AREA = 0.01274 SQ MI

PER A = 0.00 PER B = 42.49 PER C = 42.49 PER D = 15.02

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 12 CODE = 1

*

* BASIN L12.19D/20A

*

COMPUTE NM HYD ID = 13 HYD NO = L12.19D/20A AREA = 0.00426 SQ MI
PER A = 0.00 PER B = 43.05 PER C = 43.05 PER D = 13.90
TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=13 CODE = 1

*

* COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF ADJACENT OFFSITE BASINS
* BASIN L9.1A

*

COMPUTE NM HYD ID = 14 HYD NO = L9.1AOFF AREA = 0.09675 SQ MI
PER A = 91.9 PER B = 0.0 PER C = 8.1 PER D = 0.0
TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=14 CODE = 1

*

* BASIN L9.2AOFF

*

COMPUTE NM HYD ID = 15 HYD NO = L9.2AOFF AREA = 0.003203 SQ MI
PER A = 0.00 PER B = 0.00 PER C = 100.0 PER D = 0.00
TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=15 CODE = 1

*

* BASIN L9.1BOFF

*

COMPUTE NM HYD ID = 16 HYD NO = L9.1BOFF AREA = 0.046265 SQ MI
PER A = 75.0 PER B = 25.00 PER C = 00.0 PER D = 0.00
TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=16 CODE = 1

*

* BASIN UD.4OFF

*

COMPUTE NM HYD ID = 17 HYD NO = UD.4OFF AREA = 0.00072 SQ MI
PER A = 0.00 PER B = 0.00 PER C = 0.00 PER D = 100.00
TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=17 CODE = 1

*

*

*COMBINE DEVELOPED BASINS L9.2A-1, L9.2A-2, L9.2A-3, L9.2A-4, L9.2A-5, L9.2A-6, AND L7.1A (AHYMO
IDS 1-7)

*TO DETERMINE TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

ADD HYD ID = 18 HYD NO = BASIN_2T ID = 1 ID = 2

ADD HYD ID = 19 HYD NO = BASIN_3T ID = 18 ID = 3

ADD HYD ID = 20 HYD NO = BASIN_4T ID = 19 ID = 4

ADD HYD ID = 21 HYD NO = BASIN_5T ID = 20 ID = 5

ADD HYD ID = 22 HYD NO = BASIN_6T ID = 21 ID = 6

ADD HYD ID = 23 HYD NO = BASIN_7T ID = 22 ID = 7

*

*TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

PRINT HYD ID = 23 CODE = 1

*

* SDMH SPLITTER RUNOFF DIVERTED TO S-1 STRUCTURE (ID=24) = 103.6 CFS AND RUNOFF TO L9.2B
POND (ID=25) = 121.8 CFS

*

DIVIDE HYD ID = 23 Q=103.6 ID I = 24 HYD NO = TO_S1
ID II= 25 HYD NO = TO_POND


```

*
PRINT HYD      ID = 24 CODE = 1
PRINT HYD      ID = 25 CODE = 1
*
*
*   COMBINE BASIN L9.1BOFF AND BASIN L9.1B FLOWS  TO DETERMINE TOTAL FLOWS THAT ENTERS
L9.1B-1 POND
ADD HYD      ID = 26  HYD NO = BASIN_8T ID = 9  ID = 16
*ROUTE TOTAL FLOW THROUGH POND LOCATED IN L9.1B-1 THAT DISCHARGES INTO NEW SD
SYSTEM
ROUTE RESERVOIR  ID = 27  HYD NO = OUTFLOW INFLOW ID = 26 CODE = 5
      OUTFLOW (CFS)  STORAGE(AC FT)  ELEV(FT)
      0.0      0.0      5009
      0.1      0.07     5010
      0.1      0.16     5011
      28.26    0.22     5011.5
      67.96    0.29     5012
      75.98    0.44     5013
*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED
CONDITION. FOR OUTLET ANALYSIS
*SEE  SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)
*
*****COMBINE REMAINING CONTRIBUTING BASINS L9.1B BASINS, BASIN L12.19D/20A, BASIN L9.2B
AND RUNOFF FROM SDMH SPLITTER. (IDS 10,11,12,13,25,AND 27)
ADD HYD      ID = 28  HYD NO = BASIN_9T ID = 27  ID = 10
ADD HYD      ID = 29  HYD NO = BASIN_10T ID = 28  ID = 11
ADD HYD      ID = 30  HYD NO = BASIN_11T ID = 29  ID = 13
ADD HYD      ID = 31  HYD NO = BASIN_12T ID = 30  ID = 12
ADD HYD      ID = 32  HYD NO = BASIN_13T ID = 31  ID = 25
PRINT HYD      ID = 32 CODE = 1
*ROUTE THROUGH BASIN L9.2B POND TO DETERMINE MAX DISCHARGE TO S-2 STRUCTURE
ROUTE RESERVOIR  ID = 33  HYD NO = OUTFLOW INFLOW ID = 32 CODE = 5
      OUTFLOW (CFS)  STORAGE(AC FT)  ELEV(FT)
      0.1      0.00     5053
      0.1      0.38     5054
      0.1      0.81     5055
      0.1      1.28     5056
      61.50    1.79     5057
      86.50    2.36     5058
      106.0    2.97     5059
      110.0    3.63     5060
      122.7    4.35     5061
*****48" SD INV OUT=5056.5
*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED
CONDITION. FOR OUTLET ANALYSIS
*SEE  SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)
*TOTAL FLOW FROM DRAINAGE POND OUTLET STRUCTURE TO S-2 STRUCTURE
PRINT HYD      ID = 33
FINISH

```

[(s16.66H

AHYMO PROGRAM (AHYMO-S4) - Version: S4.01a - Rel: 01a
 RUN DATE (MON/DAY/YR) = 11/15/2016
 START TIME (HR:MIN:SEC) = 09:52:49 USER NO.= AHYMO_Temp_User:HighMesa
 INPUT FILE = C:\AHYMO\2014.184.4 100 YR INPUT Future_Buildout_Revised.txt

*2345678901234567890

*
 * 100 year, 24 hour storm
 *
 * Future Full Build Out
 * onditions, Please reference J08D003A for Phase 1 AHYMO files
 *
 * HMCJ JOB NUMBER 2014.184.4
 * APS NORTHWEST EDUCATION CORRIDOR
 *
 *
 START TIME = 0.0 HR PUNCH CODE = 0 PRINT LINES = -1
 *
 * RAINFALL DATA FROM NOAA Atlas 14, Volume 1, Version 5
 *
 RAINFALL TYPE = 1 RAIN QUARTER = 0.0
 RAIN ONE = 1.80 IN RAIN SIX = 2.31 IN
 RAIN DAY = 2.62 IN DT = 0.03333

6-HOUR RAINFALL DIST. - BASED ON NOAA ATLAS 14 FOR CONVECTIVE AREAS (NM & AZ)

- D1

DT = 0.033330 HOURS			END TIME = 5.999400 HOURS			
0.0000	0.0023	0.0045	0.0069	0.0094	0.0119	0.0147
0.0175	0.0205	0.0236	0.0268	0.0338	0.0409	0.0483
0.0562	0.0640	0.0725	0.0811	0.0898	0.0987	0.1076
0.1169	0.1263	0.1361	0.1465	0.1568	0.1685	0.1802
0.1947	0.2120	0.2293	0.2526	0.2758	0.3037	0.3362
0.3688	0.4176	0.4664	0.5329	0.6172	0.7015	0.9256
1.1502	1.3253	1.4498	1.5743	1.6372	1.6997	1.7508
1.7902	1.8296	1.8570	1.8844	1.9081	1.9281	1.9481
1.9632	1.9784	1.9915	2.0024	2.0134	2.0232	2.0330
2.0420	2.0502	2.0584	2.0659	2.0735	2.0809	2.0882
2.0955	2.0989	2.1023	2.1057	2.1090	2.1122	2.1153
2.1184	2.1214	2.1243	2.1273	2.1302	2.1331	2.1358
2.1386	2.1413	2.1439	2.1465	2.1491	2.1517	2.1543
2.1567	2.1591	2.1615	2.1639	2.1663	2.1686	2.1709
2.1732	2.1754	2.1776	2.1798	2.1819	2.1841	2.1862
2.1883	2.1904	2.1924	2.1945	2.1965	2.1985	2.2005
2.2025	2.2045	2.2064	2.2084	2.2103	2.2122	2.2141
2.2160	2.2178	2.2197	2.2215	2.2233	2.2251	2.2269
2.2287	2.2305	2.2322	2.2340	2.2357	2.2374	2.2392
2.2409	2.2425	2.2442	2.2459	2.2475	2.2492	2.2508
2.2524	2.2540	2.2556	2.2572	2.2588	2.2604	2.2619
2.2635	2.2650	2.2665	2.2681	2.2696	2.2711	2.2726
2.2741	2.2756	2.2770	2.2785	2.2799	2.2814	2.2828
2.2842	2.2857	2.2871	2.2885	2.2899	2.2913	2.2927
2.2940	2.2954	2.2968	2.2981	2.2995	2.3008	2.3021
2.3035	2.3048	2.3061	2.3074	2.3087	2.3100	

*
 * COMPUTE DEVELOPED 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF DEVELOPED FULL-B
 *
 * BASIN L9.2A-1
 *

COMPUTE NM HYD ID = 1 HYD NO = L9.2A_1 AREA = 0.03288 SQ MI
 PER A = 0.00 PER B = 12.95 PER C = 12.95 PER D = 74.1
 TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 96.169 CFS UNIT VOLUME = 0.9993 B = 526.28 P60 =
 AREA = 0.024364 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 22.619 CFS UNIT VOLUME = 0.9999 B = 354.13 P60 =
 AREA = 0.008516 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 1 CODE = 1

HYDROGRAPH FROM AREA L9.2A_1

RUNOFF VOLUME = 1.76311 INCHES = 3.0918 ACRE-FEET
 PEAK DISCHARGE RATE = 82.31 CFS AT 1.533 HOURS BASIN AREA = 0.0329 SQ. MI.

*
 * BASIN L9.2A-2
 *

COMPUTE NM HYD ID = 2 HYD NO = L9.2A_2 AREA = 0.02071 SQ MI
 PER A = 0.00 PER B = 45.63 PER C = 31.58 PER D = 22.79
 TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 18.630 CFS UNIT VOLUME = 0.9988 B = 526.28 P60 =
 AREA = 0.004720 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.898051 K = 0.121148HR TP = 0.133330HR K/TP RATIO = 0.908630 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 41.774 CFS UNIT VOLUME = 1.000 B = 348.32 P60 =
 AREA = 0.015990 SQ MI IA = 0.43865 INCHES INF = 1.07821 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD

ID = 2 CODE = 1

HYDROGRAPH FROM AREA L9.2A_2

RUNOFF VOLUME = 1.16608 INCHES = 1.2880 ACRE-FEET
 PEAK DISCHARGE RATE = 40.33 CFS AT 1.533 HOURS BASIN AREA = 0.0207 SQ. MI.

*
 *
 *

BASIN L9.2A-3

COMPUTE NM HYD ID = 3 HYD NO = L9.2A_3 AREA = 0.00329 SQ MI
 PER A = 0.00 PER B = 80.00 PER C = 20.00 PER D = 00.00
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.126823HR TP = 0.133330HR K/TP RATIO = 0.951195 SHAPE CONSTANT, N = 3.715600

UNIT PEAK = 8.2847 CFS UNIT VOLUME = 0.9985 B = 335.75 P60 = 1.8000

AREA = 0.003290 SQ MI IA = 0.47000 INCHES INF = 1.16600 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD

ID = 3 CODE = 1

HYDROGRAPH FROM AREA L9.2A_3

RUNOFF VOLUME = 0.85649 INCHES = 0.1503 ACRE-FEET
 PEAK DISCHARGE RATE = 5.33 CFS AT 1.533 HOURS BASIN AREA = 0.0033 SQ. MI.

*
 *
 *

BASIN L9.2A-4

COMPUTE NM HYD ID = 4 HYD NO = L9.2A_4 AREA = 0.00388 SQ MI
 PER A = 0.00 PER B = 50.00 PER C = 50.00 PER D = 00.00
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N = 3.984395

UNIT PEAK = 10.306 CFS UNIT VOLUME = 0.9992 B = 354.13 P60 = 1.8000

AREA = 0.003880 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD

ID = 4 CODE = 1

HYDROGRAPH FROM AREA L9.2A_4

RUNOFF VOLUME = 0.92457 INCHES = 0.1913 ACRE-FEET
 PEAK DISCHARGE RATE = 6.78 CFS AT 1.533 HOURS BASIN AREA = 0.0039 SQ. MI.

*
* BASIN L9.2A-5
*

COMPUTE NM HYD ID = 5 HYD NO = L9.2A_5 AREA = 0.01090 SQ MI
PER A = 0.00 PER B = 22.53 PER C = 22.53 PER D = 54.94
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

7.106428

UNIT PEAK = 23.637 CFS UNIT VOLUME = 0.9989 B = 526.28 P60 =

1.8000

AREA = 0.005988 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

3.984395

UNIT PEAK = 13.045 CFS UNIT VOLUME = 0.9994 B = 354.13 P60 =

1.8000

AREA = 0.004912 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 5 CODE = 1

HYDROGRAPH FROM AREA L9.2A_5

RUNOFF VOLUME = 1.54629 INCHES = 0.8989 ACRE-FEET
PEAK DISCHARGE RATE = 25.16 CFS AT 1.533 HOURS BASIN AREA = 0.0109 SQ. MI.

*
* BASIN L9.2A-6
*

COMPUTE NM HYD ID = 6 HYD NO = L9.2A_6 AREA = 0.02169 SQ MI
PER A = 0.00 PER B = 11.52 PER C = 11.52 PER D = 76.96
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

7.106428

UNIT PEAK = 65.889 CFS UNIT VOLUME = 0.9992 B = 526.28 P60 =

1.8000

AREA = 0.016693 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

3.984395

UNIT PEAK = 13.273 CFS UNIT VOLUME = 0.9994 B = 354.13 P60 =

1.8000

AREA = 0.004997 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 6 CODE = 1

AHYMO.OUT
HYDROGRAPH FROM AREA L9.2A_6

RUNOFF VOLUME = 1.79548 INCHES = 2.0770 ACRE-FEET
PEAK DISCHARGE RATE = 54.94 CFS AT 1.533 HOURS BASIN AREA = 0.0217 SQ. MI.

*
* BASIN L7.1A
*

COMPUTE NM HYD ID = 7 HYD NO = L7.1A AREA = 0.00575 SQ MI
PER A = 0.00 PER B = 45.76 PER C = 45.76 PER D = 08.48
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 1.9246 CFS UNIT VOLUME = 0.9932 B = 526.28 P60 = 1.8000
AREA = 0.000488 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N = 3.984395
UNIT PEAK = 13.977 CFS UNIT VOLUME = 0.9995 B = 354.13 P60 = 1.8000
AREA = 0.005262 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 7 CODE = 1

HYDROGRAPH FROM AREA L7.1A

RUNOFF VOLUME = 1.02053 INCHES = 0.3130 ACRE-FEET
PEAK DISCHARGE RATE = 10.54 CFS AT 1.533 HOURS BASIN AREA = 0.0058 SQ. MI.

*
* BASIN UD.4A (SITE)
*

COMPUTE NM HYD ID = 8 HYD NO = UD.4A AREA = 0.00955 SQ MI
PER A = 0.00 PER B = 38.22 PER C = 38.22 PER D = 23.56
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 8.8810 CFS UNIT VOLUME = 0.9980 B = 526.28 P60 = 1.8000
AREA = 0.002250 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N = 3.984395

UNIT PEAK = 19.389 CFS UNIT VOLUME = 0.9998 B = 354.13 P60 =

AREA = 0.007300 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 8 CODE = 1

HYDROGRAPH FROM AREA UD.4A

RUNOFF VOLUME = 1.19119 INCHES = 0.6067 ACRE-FEET
PEAK DISCHARGE RATE = 18.98 CFS AT 1.533 HOURS BASIN AREA = 0.0096 SQ. MI.

*
* BASIN L9.1B_1
*

COMPUTE NM HYD ID = 9 HYD NO = L9.1B_1 AREA = 0.00720 SQ MI
PER A = 0.00 PER B = 46.78 PER C = 46.78 PER D = 06.44
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

UNIT PEAK = 1.8302 CFS UNIT VOLUME = 0.9932 B = 526.28 P60 =

AREA = 0.000464 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =

UNIT PEAK = 17.892 CFS UNIT VOLUME = 0.9997 B = 354.13 P60 =

AREA = 0.006736 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 9 CODE = 1

HYDROGRAPH FROM AREA L9.1B_1

RUNOFF VOLUME = 0.99745 INCHES = 0.3830 ACRE-FEET
PEAK DISCHARGE RATE = 13.05 CFS AT 1.533 HOURS BASIN AREA = 0.0072 SQ. MI.

*
* BASIN L9.1B_2
*

COMPUTE NM HYD ID = 10 HYD NO = L9.1B_2 AREA = 0.00462 SQ MI
PER A = 0.00 PER B = 40.11 PER C = 40.11 PER D = 19.78
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

UNIT PEAK = 3.6071 CFS UNIT VOLUME = 0.9960 B = 526.28 P60 =

1.8000

AREA = 0.000914 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

1.8000

UNIT PEAK = 9.8438 CFS UNIT VOLUME = 0.9991 B = 354.13 P60 =

AREA = 0.003706 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 10 CODE = 1

HYDROGRAPH FROM AREA L9.1B_2

RUNOFF VOLUME = 1.14841 INCHES = 0.2830 ACRE-FEET
 PEAK DISCHARGE RATE = 9.01 CFS AT 1.533 HOURS BASIN AREA = 0.0046 SQ. MI.

*
 * BASIN L9.1B_3
 *

COMPUTE NM HYD ID = 11 HYD NO = L9.1B_3 AREA = 0.00839 SQ MI
 PER A = 0.00 PER B = 18.18 PER C = 18.18 PER D = 63.64
 TP = -0.13333 HRS MASS RAIN = -1

7.106428

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

1.8000

UNIT PEAK = 21.075 CFS UNIT VOLUME = 0.9988 B = 526.28 P60 =

AREA = 0.005339 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =

1.8000

UNIT PEAK = 8.1026 CFS UNIT VOLUME = 0.9988 B = 354.13 P60 =

AREA = 0.003051 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 11 CODE = 1

HYDROGRAPH FROM AREA L9.1B_3

RUNOFF VOLUME = 1.64475 INCHES = 0.7360 ACRE-FEET
 PEAK DISCHARGE RATE = 20.12 CFS AT 1.533 HOURS BASIN AREA = 0.0084 SQ. MI.

*
 * BASIN L9.2B
 *

COMPUTE NM HYD ID = 12 HYD NO = L9.2B AREA = 0.01274 SQ MI
 PER A = 0.00 PER B = 42.49 PER C = 42.49 PER D = 15.02
 TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 7.5531 CFS UNIT VOLUME = 0.9978 B = 526.28 P60 =
 AREA = 0.001914 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 28.756 CFS UNIT VOLUME = 1.000 B = 354.13 P60 =
 AREA = 0.010826 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 12 CODE = 1

HYDROGRAPH FROM AREA L9.2B

RUNOFF VOLUME = 1.09454 INCHES = 0.7437 ACRE-FEET
 PEAK DISCHARGE RATE = 24.19 CFS AT 1.533 HOURS BASIN AREA = 0.0127 SQ. MI.

*
 * BASIN L12.19D/20A
 *

COMPUTE NM HYD ID = 13 HYD NO = L12.19D/20A AREA = 0.00426 SQ MI
 PER A = 0.00 PER B = 43.05 PER C = 43.05 PER D = 13.90
 TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 2.3373 CFS UNIT VOLUME = 0.9941 B = 526.28 P60 =
 AREA = 0.000592 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 9.7421 CFS UNIT VOLUME = 0.9991 B = 354.13 P60 =
 AREA = 0.003668 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 13 CODE = 1

HYDROGRAPH FROM AREA L12.19D/20A

RUNOFF VOLUME = 1.08187 INCHES = 0.2458 ACRE-FEET

PEAK DISCHARGE RATE = 8.05 CFS AT 1.533 HOURS BASIN AREA = 0.0043 SQ. MI.

*
* COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF ADJACENT OFFSITE BASINS
* BASIN L9.1A
*

COMPUTE NM HYD ID = 14 HYD NO = L9.1AOFF AREA = 0.09675 SQ MI
PER A = 91.9 PER B = 0.0 PER C = 8.1 PER D = 0.0
TP = -0.13333 HRS MASS RAIN = -1

K = 0.156905HR TP = 0.133330HR K/TP RATIO = 1.176816 SHAPE CONSTANT, N = 3.014821

UNIT PEAK = 205.38 CFS UNIT VOLUME = 0.9997 B = 283.03 P60 = 1.8000

AREA = 0.096750 SQ MI IA = 0.62570 INCHES INF = 1.60196 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =14 CODE = 1

HYDROGRAPH FROM AREA L9.1AOFF

RUNOFF VOLUME = 0.65224 INCHES = 3.3655 ACRE-FEET
PEAK DISCHARGE RATE = 115.18 CFS AT 1.533 HOURS BASIN AREA = 0.0968 SQ. MI.

*
* BASIN L9.2AOFF
*

COMPUTE NM HYD ID = 15 HYD NO = L9.2AOFF AREA = 0.003203 SQ MI
PER A = 0.00 PER B = 0.00 PER C = 100.0 PER D = 0.00
TP = -0.13333 HRS MASS RAIN = -1

K = 0.105101HR TP = 0.133330HR K/TP RATIO = 0.788276 SHAPE CONSTANT, N = 4.552748

UNIT PEAK = 9.3806 CFS UNIT VOLUME = 0.9990 B = 390.48 P60 = 1.8000

AREA = 0.003203 SQ MI IA = 0.35000 INCHES INF = 0.83000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =15 CODE = 1

HYDROGRAPH FROM AREA L9.2AOFF

RUNOFF VOLUME = 1.04869 INCHES = 0.1791 ACRE-FEET
PEAK DISCHARGE RATE = 6.32 CFS AT 1.533 HOURS BASIN AREA = 0.0032 SQ. MI.

*
* BASIN L9.1BOFF
*

COMPUTE NM HYD ID = 16 HYD NO = L9.1BOFF AREA = 0.046265 SQ MI

AHYMO.OUT

PER A = 75.0 PER B = 25.00 PER C = 00.0 PER D = 0.00
TP = -0.13333 HRS MASS RAIN = -1

K = 0.157178HR TP = 0.133330HR K/TP RATIO = 1.178862 SHAPE CONSTANT, N = 3.009971
UNIT PEAK = 98.075 CFS UNIT VOLUME = 0.9997 B = 282.64 P60 = 1.8000
AREA = 0.046265 SQ MI IA = 0.61250 INCHES INF = 1.56500 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =16 CODE = 1

HYDROGRAPH FROM AREA L9.1BOFF

RUNOFF VOLUME = 0.66700 INCHES = 1.6458 ACRE-FEET
PEAK DISCHARGE RATE = 55.97 CFS AT 1.533 HOURS BASIN AREA = 0.0463 SQ. MI.

*
* BASIN UD.4OFF
*

COMPUTE NM HYD ID = 17 HYD NO = UD.4OFF AREA = 0.00072 SQ MI
PER A = 0.00 PER B = 0.00 PER C = 0.00 PER D = 100.00
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 2.8420 CFS UNIT VOLUME = 0.9955 B = 526.28 P60 = 1.8000
AREA = 0.000720 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =17 CODE = 1

HYDROGRAPH FROM AREA UD.4OFF

RUNOFF VOLUME = 2.05621 INCHES = 0.0790 ACRE-FEET
PEAK DISCHARGE RATE = 2.01 CFS AT 1.500 HOURS BASIN AREA = 0.0007 SQ. MI.

*
*
*COMBINE DEVELOPED BASINS L9.2A-1, L9.2A-2, L9.2A-3, L9.2A-4, L9.2A-5, L9.2A-6,
*TO DETERMINE TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

ADD HYD ID = 18 HYD NO = BASIN_2T ID = 1 ID = 2
ADD HYD ID = 19 HYD NO = BASIN_3T ID = 18 ID = 3
ADD HYD ID = 20 HYD NO = BASIN_4T ID = 19 ID = 4
ADD HYD ID = 21 HYD NO = BASIN_5T ID = 20 ID = 5
ADD HYD ID = 22 HYD NO = BASIN_6T ID = 21 ID = 6
ADD HYD ID = 23 HYD NO = BASIN_7T ID = 22 ID = 7

*
*TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER
PRINT HYD ID = 23 CODE = 1

HYDROGRAPH FROM AREA BASIN_7T

RUNOFF VOLUME = 1.51555 INCHES = 8.0101 ACRE-FEET
 PEAK DISCHARGE RATE = 225.39 CFS AT 1.533 HOURS BASIN AREA = 0.0991 SQ. MI.

*
 * SDMH SPLITTER RUNOFF DIVERTED TO S-1 STRUCTURE (ID=24) = 103.6 CFS AND RUNOFF
 *
 DIVIDE HYD ID = 23 Q=103.6 ID I = 24 HYD NO = TO_S1
 ID II= 25 HYD NO = TO_POND
 *
 PRINT HYD ID = 24 CODE = 1

HYDROGRAPH FROM AREA TO_S1

RUNOFF VOLUME = 1.51555 INCHES = 6.2228 ACRE-FEET
 PEAK DISCHARGE RATE = 103.60 CFS AT 1.433 HOURS BASIN AREA = 0.0770 SQ. MI.

PRINT HYD ID = 25 CODE = 1

HYDROGRAPH FROM AREA TO_POND

RUNOFF VOLUME = 1.51555 INCHES = 1.7874 ACRE-FEET
 PEAK DISCHARGE RATE = 121.79 CFS AT 1.533 HOURS BASIN AREA = 0.0221 SQ. MI.

*
 *
 * COMBINE BASIN L9.1BOFF AND BASIN L9.1B FLOWS TO DETERMINE TOTAL FLOWS THAT
 ADD HYD ID = 26 HYD NO = BASIN_8T ID = 9 ID = 16
 *ROUTE TOTAL FLOW THROUGH POND LOCATED IN L9.1B-1 THAT DISCHARGES INTO NEW SD SY
 ROUTE RESERVOIR ID = 27 HYD NO = OUTFLOW INFLOW ID = 26 CODE = 5

	OUTFLOW (CFS)	STORAGE(AC FT)	ELEV(FT)
0.0	0.0	5009	
0.1	0.07	5010	
0.1	0.16	5011	
28.26	0.22	5011.5	
67.96	0.29	5012	
75.98	0.44	5013	

* * * * *

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
0.00	0.00	5009.00	0.000	0.00
0.17	0.00	5009.00	0.000	0.00

AHYMO.OUT

0.33	0.00	5009.00	0.000	0.00
0.50	0.00	5009.00	0.000	0.00
0.67	0.00	5009.00	0.000	0.00
0.83	0.05	5009.00	0.000	0.00
1.00	0.09	5009.02	0.001	0.00
1.17	0.17	5009.04	0.003	0.00
1.33	2.74	5009.17	0.012	0.02
1.50	66.31	5011.89	0.274	59.09
1.67	41.54	5011.74	0.253	46.98
1.83	14.37	5011.30	0.196	17.16
2.00	6.67	5011.13	0.175	7.30
2.17	4.52	5011.08	0.170	4.79
2.33	3.12	5011.06	0.167	3.31
2.50	2.15	5011.04	0.165	2.28
2.67	1.48	5011.03	0.163	1.57
2.83	1.03	5011.02	0.162	1.09
3.00	0.72	5011.01	0.161	0.76
3.17	0.50	5011.01	0.161	0.53
3.33	0.35	5011.00	0.161	0.37
3.50	0.25	5011.00	0.160	0.26
3.67	0.17	5011.00	0.160	0.18
3.83	0.12	5011.00	0.160	0.13
4.00	0.09	5011.00	0.160	0.10
4.17	0.06	5011.00	0.160	0.10
4.33	0.05	5011.00	0.160	0.10
4.50	0.04	5011.00	0.160	0.10
4.67	0.03	5011.00	0.160	0.10
4.83	0.02	5011.00	0.160	0.10
5.00	0.02	5011.00	0.160	0.10
5.17	0.01	5011.00	0.160	0.10
5.33	0.01	5011.00	0.160	0.10
5.50	0.01	5011.00	0.160	0.10
5.67	0.01	5011.00	0.160	0.10
5.83	0.01	5011.00	0.160	0.10
6.00	0.01	5011.00	0.160	0.10
6.17	0.00	5011.00	0.160	0.10
6.33	0.00	5011.00	0.160	0.10
6.50	0.00	5011.00	0.160	0.10
6.67	0.00	5011.00	0.160	0.10
6.83	0.00	5011.00	0.160	0.10
7.00	0.00	5011.00	0.160	0.10
7.17	0.00	5011.00	0.160	0.10
7.33	0.00	5011.00	0.160	0.10
7.50	0.00	5011.00	0.160	0.10
7.67	0.00	5011.00	0.160	0.10
7.83	0.00	5011.00	0.160	0.10
8.00	0.00	5011.00	0.160	0.10
8.17	0.00	5011.00	0.160	0.10
8.33	0.00	5011.00	0.160	0.10
8.50	0.00	5011.00	0.160	0.10
8.67	0.00	5011.00	0.160	0.10
8.83	0.00	5011.00	0.160	0.10
9.00	0.00	5011.00	0.160	0.10
9.17	0.00	5011.00	0.160	0.10

TIME	INFLOW	ELEV	VOLUME	OUTFLOW
(HRS)	(CFS)	(FEET)	(AC-FT)	(CFS)

9.33	0.00	5011.00	0.160	0.10
9.50	0.00	5011.00	0.160	0.10
9.67	0.00	5011.00	0.160	0.10
9.83	0.00	5011.00	0.160	0.10
10.00	0.00	5011.00	0.160	0.10
10.17	0.00	5011.00	0.160	0.10
10.33	0.00	5011.00	0.160	0.10
10.50	0.00	5011.00	0.160	0.10
10.67	0.00	5011.00	0.160	0.10
10.83	0.00	5011.00	0.160	0.10
11.00	0.00	5011.00	0.160	0.10
11.17	0.00	5011.00	0.160	0.10
11.33	0.00	5011.00	0.160	0.10
11.50	0.00	5011.00	0.160	0.10
11.67	0.00	5011.00	0.160	0.10
11.83	0.00	5011.00	0.160	0.10
12.00	0.00	5011.00	0.160	0.10
12.17	0.00	5011.00	0.160	0.10
12.33	0.00	5011.00	0.160	0.10
12.50	0.00	5011.00	0.160	0.10
12.67	0.00	5011.00	0.160	0.10
12.83	0.00	5011.00	0.160	0.10
13.00	0.00	5011.00	0.160	0.10
13.17	0.00	5011.00	0.160	0.10
13.33	0.00	5011.00	0.160	0.10
13.50	0.00	5011.00	0.160	0.10
13.67	0.00	5011.00	0.160	0.10
13.83	0.00	5011.00	0.160	0.10
14.00	0.00	5011.00	0.160	0.10
14.17	0.00	5011.00	0.160	0.10
14.33	0.00	5011.00	0.160	0.10
14.50	0.00	5011.00	0.160	0.10
14.67	0.00	5011.00	0.160	0.10
14.83	0.00	5011.00	0.160	0.10
15.00	0.00	5011.00	0.160	0.10
15.17	0.00	5011.00	0.160	0.10
15.33	0.00	5011.00	0.160	0.10
15.50	0.00	5009.99	0.069	0.10
15.67	0.00	5009.97	0.068	0.10
15.83	0.00	5009.95	0.067	0.10
16.00	0.00	5009.94	0.065	0.09
16.17	0.00	5009.92	0.064	0.09
16.33	0.00	5009.90	0.063	0.09
16.50	0.00	5009.88	0.062	0.09
16.67	0.00	5009.86	0.061	0.09
16.83	0.00	5009.85	0.059	0.08
17.00	0.00	5009.83	0.058	0.08
17.16	0.00	5009.81	0.057	0.08
17.33	0.00	5009.80	0.056	0.08
17.50	0.00	5009.78	0.055	0.08
17.66	0.00	5009.77	0.054	0.08
17.83	0.00	5009.75	0.053	0.08
18.00	0.00	5009.74	0.052	0.07
18.16	0.00	5009.72	0.051	0.07
18.33	0.00	5009.71	0.050	0.07
18.50	0.00	5009.70	0.049	0.07

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
18.66	0.00	5009.68	0.048	0.07
18.83	0.00	5009.67	0.047	0.07
19.00	0.00	5009.66	0.046	0.07
19.16	0.00	5009.64	0.045	0.06
19.33	0.00	5009.63	0.044	0.06
19.50	0.00	5009.62	0.043	0.06
19.66	0.00	5009.61	0.042	0.06
19.83	0.00	5009.60	0.042	0.06
20.00	0.00	5009.58	0.041	0.06
20.16	0.00	5009.57	0.040	0.06
20.33	0.00	5009.56	0.039	0.06
20.50	0.00	5009.55	0.038	0.05
20.66	0.00	5009.54	0.038	0.05
20.83	0.00	5009.53	0.037	0.05
21.00	0.00	5009.52	0.036	0.05
21.16	0.00	5009.51	0.036	0.05
21.33	0.00	5009.50	0.035	0.05
21.50	0.00	5009.49	0.034	0.05
21.66	0.00	5009.48	0.034	0.05
21.83	0.00	5009.47	0.033	0.05
22.00	0.00	5009.46	0.032	0.05
22.16	0.00	5009.45	0.032	0.05
22.33	0.00	5009.44	0.031	0.04
22.50	0.00	5009.43	0.030	0.04
22.66	0.00	5009.43	0.030	0.04
22.83	0.00	5009.42	0.029	0.04
23.00	0.00	5009.41	0.029	0.04
23.16	0.00	5009.40	0.028	0.04
23.33	0.00	5009.39	0.028	0.04
23.50	0.00	5009.39	0.027	0.04
23.66	0.00	5009.38	0.026	0.04
23.83	0.00	5009.37	0.026	0.04
24.00	0.00	5009.36	0.025	0.04
24.16	0.00	5009.36	0.025	0.04
24.33	0.00	5009.35	0.024	0.03
24.50	0.00	5009.34	0.024	0.03
24.66	0.00	5009.34	0.024	0.03
24.83	0.00	5009.33	0.023	0.03
25.00	0.00	5009.32	0.023	0.03
25.16	0.00	5009.32	0.022	0.03
25.33	0.00	5009.31	0.022	0.03
25.50	0.00	5009.30	0.021	0.03
25.66	0.00	5009.30	0.021	0.03
25.83	0.00	5009.29	0.021	0.03
26.00	0.00	5009.29	0.020	0.03
26.16	0.00	5009.28	0.020	0.03
26.33	0.00	5009.28	0.019	0.03
26.50	0.00	5009.27	0.019	0.03
26.66	0.00	5009.27	0.019	0.03
26.83	0.00	5009.26	0.018	0.03
27.00	0.00	5009.26	0.018	0.03
27.16	0.00	5009.25	0.018	0.03
27.33	0.00	5009.25	0.017	0.02

			AHYMO.OUT	
27.50	0.00	5009.24	0.017	0.02
27.66	0.00	5009.24	0.017	0.02
27.83	0.00	5009.23	0.016	0.02

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
28.00	0.00	5009.23	0.016	0.02
28.16	0.00	5009.22	0.016	0.02
28.33	0.00	5009.22	0.015	0.02
28.50	0.00	5009.21	0.015	0.02
28.66	0.00	5009.21	0.015	0.02
28.83	0.00	5009.21	0.014	0.02
29.00	0.00	5009.20	0.014	0.02
29.16	0.00	5009.20	0.014	0.02
29.33	0.00	5009.19	0.014	0.02
29.50	0.00	5009.19	0.013	0.02
29.66	0.00	5009.19	0.013	0.02
29.83	0.00	5009.18	0.013	0.02
30.00	0.00	5009.18	0.013	0.02
30.16	0.00	5009.18	0.012	0.02
30.33	0.00	5009.17	0.012	0.02
30.50	0.00	5009.17	0.012	0.02
30.66	0.00	5009.17	0.012	0.02
30.83	0.00	5009.16	0.011	0.02
31.00	0.00	5009.16	0.011	0.02
31.16	0.00	5009.16	0.011	0.02
31.33	0.00	5009.15	0.011	0.02
31.50	0.00	5009.15	0.011	0.02
31.66	0.00	5009.15	0.010	0.01
31.83	0.00	5009.14	0.010	0.01
32.00	0.00	5009.14	0.010	0.01
32.16	0.00	5009.14	0.010	0.01
32.33	0.00	5009.14	0.010	0.01
32.50	0.00	5009.13	0.009	0.01
32.66	0.00	5009.13	0.009	0.01
32.83	0.00	5009.13	0.009	0.01
33.00	0.00	5009.13	0.009	0.01
33.16	0.00	5009.12	0.009	0.01
33.33	0.00	5009.12	0.008	0.01
33.50	0.00	5009.12	0.008	0.01
33.66	0.00	5009.12	0.008	0.01
33.83	0.00	5009.11	0.008	0.01
34.00	0.00	5009.11	0.008	0.01
34.16	0.00	5009.11	0.008	0.01
34.33	0.00	5009.11	0.008	0.01
34.50	0.00	5009.11	0.007	0.01
34.66	0.00	5009.10	0.007	0.01
34.83	0.00	5009.10	0.007	0.01
35.00	0.00	5009.10	0.007	0.01
35.16	0.00	5009.10	0.007	0.01
35.33	0.00	5009.10	0.007	0.01
35.50	0.00	5009.09	0.007	0.01
35.66	0.00	5009.09	0.006	0.01
35.83	0.00	5009.09	0.006	0.01
36.00	0.00	5009.09	0.006	0.01
36.16	0.00	5009.09	0.006	0.01

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36.33	0.00	5009.08	0.006	0.01
36.50	0.00	5009.08	0.006	0.01
36.66	0.00	5009.08	0.006	0.01
36.83	0.00	5009.08	0.006	0.01
37.00	0.00	5009.08	0.005	0.01
37.16	0.00	5009.08	0.005	0.01

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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37.33	0.00	5009.08	0.005	0.01
37.50	0.00	5009.07	0.005	0.01
37.66	0.00	5009.07	0.005	0.01
37.83	0.00	5009.07	0.005	0.01
38.00	0.00	5009.07	0.005	0.01
38.16	0.00	5009.07	0.005	0.01
38.33	0.00	5009.07	0.005	0.01
38.50	0.00	5009.07	0.005	0.01
38.66	0.00	5009.06	0.005	0.01
38.83	0.00	5009.06	0.004	0.01
39.00	0.00	5009.06	0.004	0.01
39.16	0.00	5009.06	0.004	0.01
39.33	0.00	5009.06	0.004	0.01
39.50	0.00	5009.06	0.004	0.01
39.66	0.00	5009.06	0.004	0.01
39.83	0.00	5009.06	0.004	0.01
40.00	0.00	5009.06	0.004	0.01
40.16	0.00	5009.05	0.004	0.01
40.33	0.00	5009.05	0.004	0.01
40.50	0.00	5009.05	0.004	0.01
40.66	0.00	5009.05	0.004	0.01
40.83	0.00	5009.05	0.003	0.00

PEAK DISCHARGE = 67.265 CFS - PEAK OCCURS AT HOUR 1.57

MAXIMUM WATER SURFACE ELEVATION = 5011.991

MAXIMUM STORAGE = 0.2888 AC-FT INCREMENTAL TIME= 0.033330HRS

*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED C

*SEE SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)

*

*****COMBINE REMAINING CONTRIBUTING BASINS L9.1B BASINS, BASIN L12.19D/20A, BASI

ADD HYD ID = 28 HYD NO = BASIN_9T ID = 27 ID = 10

ADD HYD ID = 29 HYD NO = BASIN_10T ID = 28 ID = 11

ADD HYD ID = 30 HYD NO = BASIN_11T ID = 29 ID = 13

ADD HYD ID = 31 HYD NO = BASIN_12T ID = 30 ID = 12

ADD HYD ID = 32 HYD NO = BASIN_13T ID = 31 ID = 25

PRINT HYD ID = 32 CODE = 1

HYDROGRAPH FROM AREA BASIN_13T

RUNOFF VOLUME = 1.03419 INCHES = 5.8239 ACRE-FEET

PEAK DISCHARGE RATE = 249.77 CFS AT 1.533 HOURS BASIN AREA = 0.1056 SQ. MI.

*ROUTE THROUGH BASIN L9.2B POND TO DETERMINE MAX DISCHARGE TO S-2 STRUCTURE

ROUTE RESERVOIR ID = 33 HYD NO = OUTFLOW INFLOW ID = 32 CODE = 5

	AHYMO.OUT		
	OUTFLOW (CFS)	STORAGE(AC FT)	ELEV(FT)
0.1	0.00	5053	
0.1	0.38	5054	
0.1	0.81	5055	
0.1	1.28	5056	
	61.50	1.79	5057
86.50	2.36	5058	
106.0	2.97	5059	
110.0	3.63	5060	
122.7	4.35	5061	

* * * * *

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
0.00	0.00	-Infinity	-Infinity	0.00
0.17	0.00	5056.00	1.280	0.10
0.33	0.00	5056.00	1.280	0.10
0.50	0.00	5056.00	1.280	0.10
0.67	0.00	5056.00	1.280	0.10
0.83	0.98	5056.00	1.280	0.10
1.00	1.65	5056.00	1.280	0.10
1.17	3.29	5056.00	1.280	0.10
1.33	11.64	5056.00	1.280	0.10
1.50	239.45	5056.15	1.356	9.22
1.67	107.15	5058.99	2.962	105.76
1.83	30.37	5058.02	2.374	86.95
2.00	14.19	5056.80	1.688	49.24
2.17	8.98	5056.29	1.428	17.87
2.33	6.04	5056.15	1.354	9.05
2.50	3.85	5056.09	1.325	5.48
2.67	2.52	5056.05	1.308	3.42
2.83	1.73	5056.04	1.298	2.27
3.00	1.21	5056.02	1.292	1.55
3.17	0.86	5056.02	1.288	1.09
3.33	0.64	5056.01	1.286	0.79
3.50	0.47	5056.01	1.284	0.58
3.67	0.37	5056.01	1.283	0.43
3.83	0.30	5056.00	1.282	0.34
4.00	0.27	5056.00	1.282	0.29
4.17	0.26	5056.00	1.281	0.27
4.33	0.27	5056.00	1.281	0.27
4.50	0.27	5056.00	1.281	0.27
4.67	0.27	5056.00	1.281	0.27
4.83	0.27	5056.00	1.281	0.27
5.00	0.28	5056.00	1.281	0.28
5.17	0.28	5056.00	1.282	0.28
5.33	0.29	5056.00	1.282	0.28
5.50	0.29	5056.00	1.282	0.29
5.67	0.30	5056.00	1.282	0.30
5.83	0.31	5056.00	1.282	0.30
6.00	0.31	5056.00	1.282	0.31
6.17	0.18	5056.00	1.281	0.26
6.33	0.12	5056.00	1.280	0.16
6.50	0.11	5056.00	1.280	0.12
6.67	0.10	5056.00	1.280	0.11

AHYMO.OUT

6.83	0.10	5056.00	1.280	0.10
7.00	0.10	5056.00	1.280	0.10
7.17	0.10	5056.00	1.280	0.10
7.33	0.10	5056.00	1.280	0.10
7.50	0.10	5056.00	1.280	0.10
7.67	0.10	5056.00	1.280	0.10
7.83	0.10	5056.00	1.280	0.10
8.00	0.10	5056.00	1.280	0.10
8.17	0.10	5056.00	1.280	0.10
8.33	0.10	5056.00	1.280	0.10
8.50	0.10	5056.00	1.280	0.10
8.67	0.10	5056.00	1.280	0.10
8.83	0.10	5056.00	1.280	0.10
9.00	0.10	5056.00	1.280	0.10
9.17	0.10	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
9.33	0.10	5056.00	1.280	0.10
9.50	0.10	5056.00	1.280	0.10
9.67	0.10	5056.00	1.280	0.10
9.83	0.10	5056.00	1.280	0.10
10.00	0.10	5056.00	1.280	0.10
10.17	0.10	5056.00	1.280	0.10
10.33	0.10	5056.00	1.280	0.10
10.50	0.10	5056.00	1.280	0.10
10.67	0.10	5056.00	1.280	0.10
10.83	0.10	5056.00	1.280	0.10
11.00	0.10	5056.00	1.280	0.10
11.17	0.10	5056.00	1.280	0.10
11.33	0.10	5056.00	1.280	0.10
11.50	0.10	5056.00	1.280	0.10
11.67	0.10	5056.00	1.280	0.10
11.83	0.10	5056.00	1.280	0.10
12.00	0.10	5056.00	1.280	0.10
12.17	0.10	5056.00	1.280	0.10
12.33	0.10	5056.00	1.280	0.10
12.50	0.10	5056.00	1.280	0.10
12.67	0.10	5056.00	1.280	0.10
12.83	0.10	5056.00	1.280	0.10
13.00	0.10	5056.00	1.280	0.10
13.17	0.10	5056.00	1.280	0.10
13.33	0.10	5056.00	1.280	0.10
13.50	0.10	5056.00	1.280	0.10
13.67	0.10	5056.00	1.280	0.10
13.83	0.10	5056.00	1.280	0.10
14.00	0.10	5056.00	1.280	0.10
14.17	0.10	5056.00	1.280	0.10
14.33	0.10	5056.00	1.280	0.10
14.50	0.10	5056.00	1.280	0.10
14.67	0.10	5056.00	1.280	0.10
14.83	0.10	5056.00	1.280	0.10
15.00	0.10	5056.00	1.280	0.10
15.17	0.10	5056.00	1.280	0.10
15.33	0.10	5056.00	1.280	0.10
15.50	0.10	5056.00	1.280	0.10

AHYMO.OUT

15.67	0.10	5056.00	1.280	0.10
15.83	0.10	5056.00	1.280	0.10
16.00	0.09	5056.00	1.280	0.10
16.17	0.09	5056.00	1.280	0.10
16.33	0.09	5056.00	1.280	0.10
16.50	0.09	5056.00	1.280	0.10
16.67	0.09	5056.00	1.280	0.10
16.83	0.08	5056.00	1.280	0.10
17.00	0.08	5056.00	1.280	0.10
17.16	0.08	5056.00	1.280	0.10
17.33	0.08	5056.00	1.280	0.10
17.50	0.08	5056.00	1.280	0.10
17.66	0.08	5056.00	1.280	0.10
17.83	0.08	5056.00	1.280	0.10
18.00	0.07	5056.00	1.280	0.10
18.16	0.07	5056.00	1.280	0.10
18.33	0.07	5056.00	1.280	0.10
18.50	0.07	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
18.66	0.07	5056.00	1.280	0.10
18.83	0.07	5056.00	1.280	0.10
19.00	0.07	5056.00	1.280	0.10
19.16	0.06	5056.00	1.280	0.10
19.33	0.06	5056.00	1.280	0.10
19.50	0.06	5056.00	1.280	0.10
19.66	0.06	5056.00	1.280	0.10
19.83	0.06	5056.00	1.280	0.10
20.00	0.06	5056.00	1.280	0.10
20.16	0.06	5056.00	1.280	0.10
20.33	0.06	5056.00	1.280	0.10
20.50	0.05	5056.00	1.280	0.10
20.66	0.05	5056.00	1.280	0.10
20.83	0.05	5056.00	1.280	0.10
21.00	0.05	5056.00	1.280	0.10
21.16	0.05	5056.00	1.280	0.10
21.33	0.05	5056.00	1.280	0.10
21.50	0.05	5056.00	1.280	0.10
21.66	0.05	5056.00	1.280	0.10
21.83	0.05	5056.00	1.280	0.10
22.00	0.05	5056.00	1.280	0.10
22.16	0.05	5056.00	1.280	0.10
22.33	0.04	5056.00	1.280	0.10
22.50	0.04	5056.00	1.280	0.10
22.66	0.04	5056.00	1.280	0.10
22.83	0.04	5056.00	1.280	0.10
23.00	0.04	5056.00	1.280	0.10
23.16	0.04	5056.00	1.280	0.10
23.33	0.04	5056.00	1.280	0.10
23.50	0.04	5056.00	1.280	0.10
23.66	0.04	5056.00	1.280	0.10
23.83	0.04	5056.00	1.280	0.10
24.00	0.04	5056.00	1.280	0.10
24.16	0.04	5056.00	1.280	0.10
24.33	0.03	5056.00	1.280	0.10

AHYMO.OUT

24.50	0.03	5056.00	1.280	0.10
24.66	0.03	5056.00	1.280	0.10
24.83	0.03	5056.00	1.280	0.10
25.00	0.03	5056.00	1.280	0.10
25.16	0.03	5056.00	1.280	0.10
25.33	0.03	5056.00	1.280	0.10
25.50	0.03	5056.00	1.280	0.10
25.66	0.03	5056.00	1.280	0.10
25.83	0.03	5056.00	1.280	0.10
26.00	0.03	5056.00	1.280	0.10
26.16	0.03	5056.00	1.280	0.10
26.33	0.03	5056.00	1.280	0.10
26.50	0.03	5056.00	1.280	0.10
26.66	0.03	5056.00	1.280	0.10
26.83	0.03	5056.00	1.280	0.10
27.00	0.03	5056.00	1.280	0.10
27.16	0.03	5056.00	1.280	0.10
27.33	0.02	5056.00	1.280	0.10
27.50	0.02	5056.00	1.280	0.10
27.66	0.02	5056.00	1.280	0.10
27.83	0.02	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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28.00	0.02	5056.00	1.280	0.10
28.16	0.02	5056.00	1.280	0.10
28.33	0.02	5056.00	1.280	0.10
28.50	0.02	5056.00	1.280	0.10
28.66	0.02	5056.00	1.280	0.10
28.83	0.02	5056.00	1.280	0.10
29.00	0.02	5056.00	1.280	0.10
29.16	0.02	5056.00	1.280	0.10
29.33	0.02	5056.00	1.280	0.10
29.50	0.02	5056.00	1.280	0.10
29.66	0.02	5056.00	1.280	0.10
29.83	0.02	5056.00	1.280	0.10
30.00	0.02	5056.00	1.280	0.10
30.16	0.02	5056.00	1.280	0.10
30.33	0.02	5056.00	1.280	0.10
30.50	0.02	5056.00	1.280	0.10
30.66	0.02	5056.00	1.280	0.10
30.83	0.02	5056.00	1.280	0.10
31.00	0.02	5056.00	1.280	0.10
31.16	0.02	5056.00	1.280	0.10
31.33	0.02	5056.00	1.280	0.10
31.50	0.02	5056.00	1.280	0.10
31.66	0.01	5056.00	1.280	0.10
31.83	0.01	5056.00	1.280	0.10
32.00	0.01	5056.00	1.280	0.10
32.16	0.01	5056.00	1.280	0.10
32.33	0.01	5056.00	1.280	0.10
32.50	0.01	5056.00	1.280	0.10
32.66	0.01	5056.00	1.280	0.10
32.83	0.01	5056.00	1.280	0.10
33.00	0.01	5056.00	1.280	0.10
33.16	0.01	5056.00	1.280	0.10

AHYMO.OUT

33.33	0.01	5056.00	1.280	0.10
33.50	0.01	5056.00	1.280	0.10
33.66	0.01	5056.00	1.280	0.10
33.83	0.01	5056.00	1.280	0.10
34.00	0.01	5056.00	1.280	0.10
34.16	0.01	5056.00	1.280	0.10
34.33	0.01	5056.00	1.280	0.10
34.50	0.01	5056.00	1.280	0.10
34.66	0.01	5056.00	1.280	0.10
34.83	0.01	5056.00	1.280	0.10
35.00	0.01	5056.00	1.280	0.10
35.16	0.01	5056.00	1.280	0.10
35.33	0.01	5056.00	1.280	0.10
35.50	0.01	5056.00	1.280	0.10
35.66	0.01	5056.00	1.280	0.10
35.83	0.01	5056.00	1.280	0.10
36.00	0.01	5056.00	1.280	0.10
36.16	0.01	5056.00	1.280	0.10
36.33	0.01	5056.00	1.280	0.10
36.50	0.01	5056.00	1.280	0.10
36.66	0.01	5056.00	1.280	0.10
36.83	0.01	5056.00	1.280	0.10
37.00	0.01	5056.00	1.280	0.10
37.16	0.01	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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37.33	0.01	5056.00	1.280	0.10
37.50	0.01	5056.00	1.280	0.10
37.66	0.01	5056.00	1.280	0.10
37.83	0.01	5056.00	1.280	0.10
38.00	0.01	5056.00	1.280	0.10
38.16	0.01	5056.00	1.280	0.10
38.33	0.01	5056.00	1.280	0.10
38.50	0.01	5056.00	1.280	0.10
38.66	0.01	5056.00	1.280	0.10
38.83	0.01	5056.00	1.280	0.10
39.00	0.01	5056.00	1.280	0.10
39.16	0.01	5056.00	1.280	0.10
39.33	0.01	5056.00	1.280	0.10
39.50	0.01	5056.00	1.280	0.10
39.66	0.01	5056.00	1.280	0.10
39.83	0.01	5056.00	1.280	0.10
40.00	0.01	5056.00	1.280	0.10
40.16	0.01	5056.00	1.280	0.10
40.33	0.01	5056.00	1.280	0.10
40.50	0.01	5056.00	1.280	0.10
40.66	0.01	5056.00	1.280	0.10
40.83	0.00	5056.00	1.280	0.10
41.00	0.00	5056.00	1.280	0.10
41.16	0.00	5056.00	1.280	0.10
41.33	0.00	5056.00	1.280	0.10
41.50	0.00	5056.00	1.280	0.10
41.66	0.00	5056.00	1.280	0.10
41.83	0.00	5056.00	1.280	0.10
42.00	0.00	5056.00	1.280	0.10

AHYMO.OUT

42.16	0.00	5056.00	1.280	0.10
42.33	0.00	5056.00	1.280	0.10
42.50	0.00	5056.00	1.280	0.10
42.66	0.00	5056.00	1.280	0.10
42.83	0.00	5056.00	1.280	0.10
43.00	0.00	5056.00	1.280	0.10
43.16	0.00	5056.00	1.280	0.10
43.33	0.00	5056.00	1.280	0.10
43.50	0.00	5056.00	1.280	0.10
43.66	0.00	5056.00	1.280	0.10
43.83	0.00	5056.00	1.280	0.10
44.00	0.00	5056.00	1.280	0.10
44.16	0.00	5056.00	1.280	0.10
44.33	0.00	5056.00	1.280	0.10
44.50	0.00	5056.00	1.280	0.10
44.66	0.00	5056.00	1.280	0.10
44.83	0.00	5056.00	1.280	0.10
45.00	0.00	5056.00	1.280	0.10
45.16	0.00	5056.00	1.280	0.10
45.33	0.00	5056.00	1.280	0.10
45.50	0.00	5056.00	1.280	0.10
45.66	0.00	5056.00	1.280	0.10
45.83	0.00	5056.00	1.280	0.10
46.00	0.00	5056.00	1.280	0.10
46.16	0.00	5056.00	1.280	0.10
46.33	0.00	5056.00	1.280	0.10
46.50	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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46.66	0.00	5056.00	1.280	0.10
46.83	0.00	5056.00	1.280	0.10
47.00	0.00	5056.00	1.280	0.10
47.16	0.00	5056.00	1.280	0.10
47.33	0.00	5056.00	1.280	0.10
47.50	0.00	5056.00	1.280	0.10
47.66	0.00	5056.00	1.280	0.10
47.83	0.00	5056.00	1.280	0.10
48.00	0.00	5056.00	1.280	0.10
48.16	0.00	5056.00	1.280	0.10
48.33	0.00	5056.00	1.280	0.10
48.50	0.00	5056.00	1.280	0.10
48.66	0.00	5056.00	1.280	0.10
48.83	0.00	5056.00	1.280	0.10
49.00	0.00	5056.00	1.280	0.10
49.16	0.00	5056.00	1.280	0.10
49.33	0.00	5056.00	1.280	0.10
49.50	0.00	5056.00	1.280	0.10
49.66	0.00	5056.00	1.280	0.10
49.83	0.00	5056.00	1.280	0.10
50.00	0.00	5056.00	1.280	0.10
50.16	0.00	5056.00	1.280	0.10
50.33	0.00	5056.00	1.280	0.10
50.49	0.00	5056.00	1.280	0.10
50.66	0.00	5056.00	1.280	0.10
50.83	0.00	5056.00	1.280	0.10

AHYMO.OUT

50.99	0.00	5056.00	1.280	0.10
51.16	0.00	5056.00	1.280	0.10
51.33	0.00	5056.00	1.280	0.10
51.49	0.00	5056.00	1.280	0.10
51.66	0.00	5056.00	1.280	0.10
51.83	0.00	5056.00	1.280	0.10
51.99	0.00	5056.00	1.280	0.10
52.16	0.00	5056.00	1.280	0.10
52.33	0.00	5056.00	1.280	0.10
52.49	0.00	5056.00	1.280	0.10
52.66	0.00	5056.00	1.280	0.10
52.83	0.00	5056.00	1.280	0.10
52.99	0.00	5056.00	1.280	0.10
53.16	0.00	5056.00	1.280	0.10
53.33	0.00	5056.00	1.280	0.10
53.49	0.00	5056.00	1.280	0.10
53.66	0.00	5056.00	1.280	0.10
53.83	0.00	5056.00	1.280	0.10
53.99	0.00	5056.00	1.280	0.10
54.16	0.00	5056.00	1.280	0.10
54.33	0.00	5056.00	1.280	0.10
54.49	0.00	5056.00	1.280	0.10
54.66	0.00	5056.00	1.280	0.10
54.83	0.00	5056.00	1.280	0.10
54.99	0.00	5056.00	1.280	0.10
55.16	0.00	5056.00	1.280	0.10
55.33	0.00	5056.00	1.280	0.10
55.49	0.00	5056.00	1.280	0.10
55.66	0.00	5056.00	1.280	0.10
55.83	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
55.99	0.00	5056.00	1.280	0.10
56.16	0.00	5056.00	1.280	0.10
56.33	0.00	5056.00	1.280	0.10
56.49	0.00	5056.00	1.280	0.10
56.66	0.00	5056.00	1.280	0.10
56.83	0.00	5056.00	1.280	0.10
56.99	0.00	5056.00	1.280	0.10
57.16	0.00	5056.00	1.280	0.10
57.33	0.00	5056.00	1.280	0.10
57.49	0.00	5056.00	1.280	0.10
57.66	0.00	5056.00	1.280	0.10
57.83	0.00	5056.00	1.280	0.10
57.99	0.00	5056.00	1.280	0.10
58.16	0.00	5056.00	1.280	0.10
58.33	0.00	5056.00	1.280	0.10
58.49	0.00	5056.00	1.280	0.10
58.66	0.00	5056.00	1.280	0.10
58.83	0.00	5056.00	1.280	0.10
58.99	0.00	5056.00	1.280	0.10
59.16	0.00	5056.00	1.280	0.10
59.33	0.00	5056.00	1.280	0.10
59.49	0.00	5056.00	1.280	0.10
59.66	0.00	5056.00	1.280	0.10

AHYMO.OUT

59.83	0.00	5056.00	1.280	0.10
59.99	0.00	5056.00	1.280	0.10
60.16	0.00	5056.00	1.280	0.10
60.33	0.00	5056.00	1.280	0.10
60.49	0.00	5056.00	1.280	0.10
60.66	0.00	5056.00	1.280	0.10
60.83	0.00	5056.00	1.280	0.10
60.99	0.00	5056.00	1.280	0.10
61.16	0.00	5056.00	1.280	0.10
61.33	0.00	5056.00	1.280	0.10
61.49	0.00	5056.00	1.280	0.10
61.66	0.00	5056.00	1.280	0.10
61.83	0.00	5056.00	1.280	0.10
61.99	0.00	5056.00	1.280	0.10
62.16	0.00	5056.00	1.280	0.10
62.33	0.00	5056.00	1.280	0.10
62.49	0.00	5056.00	1.280	0.10
62.66	0.00	5056.00	1.280	0.10
62.83	0.00	5056.00	1.280	0.10
62.99	0.00	5056.00	1.280	0.10
63.16	0.00	5056.00	1.280	0.10
63.33	0.00	5056.00	1.280	0.10
63.49	0.00	5056.00	1.280	0.10
63.66	0.00	5056.00	1.280	0.10
63.83	0.00	5056.00	1.280	0.10
63.99	0.00	5056.00	1.280	0.10
64.16	0.00	5056.00	1.280	0.10
64.33	0.00	5056.00	1.280	0.10
64.49	0.00	5056.00	1.280	0.10
64.66	0.00	5056.00	1.280	0.10
64.83	0.00	5056.00	1.280	0.10
64.99	0.00	5056.00	1.280	0.10
65.16	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
65.33	0.00	5056.00	1.280	0.10
65.49	0.00	5056.00	1.280	0.10
65.66	0.00	5056.00	1.280	0.10
65.83	0.00	5056.00	1.280	0.10
65.99	0.00	5056.00	1.280	0.10
66.16	0.00	5056.00	1.280	0.10
66.33	0.00	5056.00	1.280	0.10
66.49	0.00	5056.00	1.280	0.10
66.66	0.00	5056.00	1.280	0.10
66.83	0.00	5056.00	1.280	0.10
66.99	0.00	5056.00	1.280	0.10
67.16	0.00	5056.00	1.280	0.10
67.33	0.00	5056.00	1.280	0.10
67.49	0.00	5056.00	1.280	0.10
67.66	0.00	5056.00	1.280	0.10
67.83	0.00	5056.00	1.280	0.10
67.99	0.00	5056.00	1.280	0.10
68.16	0.00	5056.00	1.280	0.10
68.33	0.00	5056.00	1.280	0.10
68.49	0.00	5056.00	1.280	0.10

AHYMO.OUT

68.66	0.00	5056.00	1.280	0.10
68.83	0.00	5056.00	1.280	0.10
68.99	0.00	5056.00	1.280	0.10
69.16	0.00	5056.00	1.280	0.10
69.33	0.00	5056.00	1.280	0.10
69.49	0.00	5056.00	1.280	0.10
69.66	0.00	5056.00	1.280	0.10
69.83	0.00	5056.00	1.280	0.10
69.99	0.00	5056.00	1.280	0.10
70.16	0.00	5056.00	1.280	0.10
70.33	0.00	5056.00	1.280	0.10
70.49	0.00	5056.00	1.280	0.10
70.66	0.00	5056.00	1.280	0.10
70.83	0.00	5056.00	1.280	0.10
70.99	0.00	5056.00	1.280	0.10
71.16	0.00	5056.00	1.280	0.10
71.33	0.00	5056.00	1.280	0.10
71.49	0.00	5056.00	1.280	0.10
71.66	0.00	5056.00	1.280	0.10
71.83	0.00	5056.00	1.280	0.10
71.99	0.00	5056.00	1.280	0.10
72.16	0.00	5056.00	1.280	0.10
72.33	0.00	5056.00	1.280	0.10
72.49	0.00	5056.00	1.280	0.10
72.66	0.00	5056.00	1.280	0.10
72.83	0.00	5056.00	1.280	0.10
72.99	0.00	5056.00	1.280	0.10
73.16	0.00	5056.00	1.280	0.10
73.33	0.00	5056.00	1.280	0.10
73.49	0.00	5056.00	1.280	0.10
73.66	0.00	5056.00	1.280	0.10
73.83	0.00	5056.00	1.280	0.10
73.99	0.00	5056.00	1.280	0.10
74.16	0.00	5056.00	1.280	0.10
74.33	0.00	5056.00	1.280	0.10
74.49	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
74.66	0.00	5056.00	1.280	0.10
74.83	0.00	5056.00	1.280	0.10
74.99	0.00	5056.00	1.280	0.10
75.16	0.00	5056.00	1.280	0.10
75.33	0.00	5056.00	1.280	0.10
75.49	0.00	5056.00	1.280	0.10
75.66	0.00	5056.00	1.280	0.10
75.83	0.00	5056.00	1.280	0.10
75.99	0.00	5056.00	1.280	0.10
76.16	0.00	5056.00	1.280	0.10
76.33	0.00	5056.00	1.280	0.10
76.49	0.00	5056.00	1.280	0.10
76.66	0.00	5056.00	1.280	0.10
76.83	0.00	5056.00	1.280	0.10
76.99	0.00	5056.00	1.280	0.10
77.16	0.00	5056.00	1.280	0.10
77.33	0.00	5056.00	1.280	0.10

AHYMO.OUT

77.49	0.00	5056.00	1.280	0.10
77.66	0.00	5056.00	1.280	0.10
77.83	0.00	5056.00	1.280	0.10
77.99	0.00	5056.00	1.280	0.10
78.16	0.00	5056.00	1.280	0.10
78.33	0.00	5056.00	1.280	0.10
78.49	0.00	5056.00	1.280	0.10
78.66	0.00	5056.00	1.280	0.10
78.83	0.00	5056.00	1.280	0.10
78.99	0.00	5056.00	1.280	0.10
79.16	0.00	5056.00	1.280	0.10
79.33	0.00	5056.00	1.280	0.10
79.49	0.00	5056.00	1.280	0.10
79.66	0.00	5056.00	1.280	0.10
79.83	0.00	5056.00	1.280	0.10
79.99	0.00	5056.00	1.280	0.10
80.16	0.00	5056.00	1.280	0.10
80.33	0.00	5056.00	1.280	0.10
80.49	0.00	5056.00	1.280	0.10
80.66	0.00	5056.00	1.280	0.10
80.83	0.00	5056.00	1.280	0.10
80.99	0.00	5056.00	1.280	0.10
81.16	0.00	5056.00	1.280	0.10
81.33	0.00	5056.00	1.280	0.10
81.49	0.00	5056.00	1.280	0.10
81.66	0.00	5056.00	1.280	0.10
81.83	0.00	5056.00	1.280	0.10
81.99	0.00	5056.00	1.280	0.10
82.16	0.00	5056.00	1.280	0.10
82.33	0.00	5056.00	1.280	0.10
82.49	0.00	5056.00	1.280	0.10
82.66	0.00	5056.00	1.280	0.10
82.83	0.00	5056.00	1.280	0.10
82.99	0.00	5056.00	1.280	0.10
83.16	0.00	5056.00	1.280	0.10
83.33	0.00	5056.00	1.280	0.10
83.49	0.00	5056.00	1.280	0.10
83.66	0.00	5056.00	1.280	0.10
83.82	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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83.99	0.00	5056.00	1.280	0.10
84.16	0.00	5056.00	1.280	0.10
84.32	0.00	5056.00	1.280	0.10
84.49	0.00	5056.00	1.280	0.10
84.66	0.00	5056.00	1.280	0.10
84.82	0.00	5056.00	1.280	0.10
84.99	0.00	5056.00	1.280	0.10
85.16	0.00	5056.00	1.280	0.10
85.32	0.00	5056.00	1.280	0.10
85.49	0.00	5056.00	1.280	0.10
85.66	0.00	5056.00	1.280	0.10
85.82	0.00	5056.00	1.280	0.10
85.99	0.00	5056.00	1.280	0.10
86.16	0.00	5056.00	1.280	0.10

AHYMO.OUT

86.32	0.00	5056.00	1.280	0.10
86.49	0.00	5056.00	1.280	0.10
86.66	0.00	5056.00	1.280	0.10
86.82	0.00	5056.00	1.280	0.10
86.99	0.00	5056.00	1.280	0.10
87.16	0.00	5056.00	1.280	0.10
87.32	0.00	5056.00	1.280	0.10
87.49	0.00	5056.00	1.280	0.10
87.66	0.00	5056.00	1.280	0.10
87.82	0.00	5056.00	1.280	0.10
87.99	0.00	5056.00	1.280	0.10
88.16	0.00	5056.00	1.280	0.10
88.32	0.00	5056.00	1.280	0.10
88.49	0.00	5056.00	1.280	0.10
88.66	0.00	5056.00	1.280	0.10
88.82	0.00	5056.00	1.280	0.10
88.99	0.00	5056.00	1.280	0.10
89.16	0.00	5056.00	1.280	0.10
89.32	0.00	5056.00	1.280	0.10
89.49	0.00	5056.00	1.280	0.10
89.66	0.00	5056.00	1.280	0.10
89.82	0.00	5056.00	1.280	0.10
89.99	0.00	5056.00	1.280	0.10
90.16	0.00	5056.00	1.280	0.10
90.32	0.00	5056.00	1.280	0.10
90.49	0.00	5056.00	1.280	0.10
90.66	0.00	5056.00	1.280	0.10
90.82	0.00	5056.00	1.280	0.10
90.99	0.00	5056.00	1.280	0.10
91.16	0.00	5056.00	1.280	0.10
91.32	0.00	5056.00	1.280	0.10
91.49	0.00	5056.00	1.280	0.10
91.66	0.00	5056.00	1.280	0.10
91.82	0.00	5056.00	1.280	0.10
91.99	0.00	5056.00	1.280	0.10
92.16	0.00	5056.00	1.280	0.10
92.32	0.00	5056.00	1.280	0.10
92.49	0.00	5056.00	1.280	0.10
92.66	0.00	5056.00	1.280	0.10
92.82	0.00	5056.00	1.280	0.10
92.99	0.00	5056.00	1.280	0.10
93.16	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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93.32	0.00	5056.00	1.280	0.10
93.49	0.00	5056.00	1.280	0.10
93.66	0.00	5056.00	1.280	0.10
93.82	0.00	5056.00	1.280	0.10
93.99	0.00	5056.00	1.280	0.10
94.16	0.00	5056.00	1.280	0.10
94.32	0.00	5056.00	1.280	0.10
94.49	0.00	5056.00	1.280	0.10
94.66	0.00	5056.00	1.280	0.10
94.82	0.00	5056.00	1.280	0.10
94.99	0.00	5056.00	1.280	0.10

AHYMO.OUT

95.16	0.00	5056.00	1.280	0.10
95.32	0.00	5056.00	1.280	0.10
95.49	0.00	5056.00	1.280	0.10
95.66	0.00	5056.00	1.280	0.10
95.82	0.00	5056.00	1.280	0.10
95.99	0.00	5056.00	1.280	0.10
96.16	0.00	5056.00	1.280	0.10
96.32	0.00	5056.00	1.280	0.10
96.49	0.00	5056.00	1.280	0.10
96.66	0.00	5056.00	1.280	0.10
96.82	0.00	5056.00	1.280	0.10
96.99	0.00	5056.00	1.280	0.10
97.16	0.00	5056.00	1.280	0.10
97.32	0.00	5056.00	1.280	0.10
97.49	0.00	5056.00	1.280	0.10
97.66	0.00	5056.00	1.280	0.10
97.82	0.00	5056.00	1.280	0.10
97.99	0.00	5056.00	1.280	0.10
98.16	0.00	5056.00	1.280	0.10
98.32	0.00	5056.00	1.280	0.10
98.49	0.00	5056.00	1.280	0.10
98.66	0.00	5056.00	1.280	0.10
98.82	0.00	5056.00	1.280	0.10
98.99	0.00	5056.00	1.280	0.10
99.16	0.00	5056.00	1.280	0.10
99.32	0.00	5056.00	1.280	0.10
99.49	0.00	5056.00	1.280	0.10
99.66	0.00	5056.00	1.280	0.10
99.82	0.00	5056.00	1.280	0.10
99.99	0.00	5056.00	1.280	0.10
100.16	0.00	5056.00	1.280	0.10
100.32	0.00	5056.00	1.280	0.10
100.49	0.00	5056.00	1.280	0.10
100.66	0.00	5056.00	1.280	0.10
100.82	0.00	5056.00	1.280	0.10
100.99	0.00	5056.00	1.280	0.10
101.16	0.00	5056.00	1.280	0.10
101.32	0.00	5056.00	1.280	0.10
101.49	0.00	5056.00	1.280	0.10
101.66	0.00	5056.00	1.280	0.10
101.82	0.00	5056.00	1.280	0.10
101.99	0.00	5056.00	1.280	0.10
102.16	0.00	5056.00	1.280	0.10
102.32	0.00	5056.00	1.280	0.10
102.49	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
102.66	0.00	5056.00	1.280	0.10
102.82	0.00	5056.00	1.280	0.10
102.99	0.00	5056.00	1.280	0.10
103.16	0.00	5056.00	1.280	0.10
103.32	0.00	5056.00	1.280	0.10
103.49	0.00	5056.00	1.280	0.10
103.66	0.00	5056.00	1.280	0.10
103.82	0.00	5056.00	1.280	0.10

AHYMO.OUT

103.99	0.00	5056.00	1.280	0.10
104.16	0.00	5056.00	1.280	0.10
104.32	0.00	5056.00	1.280	0.10
104.49	0.00	5056.00	1.280	0.10
104.66	0.00	5056.00	1.280	0.10
104.82	0.00	5056.00	1.280	0.10
104.99	0.00	5056.00	1.280	0.10
105.16	0.00	5056.00	1.280	0.10
105.32	0.00	5056.00	1.280	0.10
105.49	0.00	5056.00	1.280	0.10
105.66	0.00	5056.00	1.280	0.10
105.82	0.00	5056.00	1.280	0.10
105.99	0.00	5056.00	1.280	0.10
106.16	0.00	5056.00	1.280	0.10
106.32	0.00	5056.00	1.280	0.10
106.49	0.00	5056.00	1.280	0.10
106.66	0.00	5056.00	1.280	0.10
106.82	0.00	5056.00	1.280	0.10
106.99	0.00	5056.00	1.280	0.10
107.16	0.00	5056.00	1.280	0.10
107.32	0.00	5056.00	1.280	0.10
107.49	0.00	5056.00	1.280	0.10
107.66	0.00	5056.00	1.280	0.10
107.82	0.00	5056.00	1.280	0.10
107.99	0.00	5056.00	1.280	0.10
108.16	0.00	5056.00	1.280	0.10
108.32	0.00	5056.00	1.280	0.10
108.49	0.00	5056.00	1.280	0.10
108.66	0.00	5056.00	1.280	0.10
108.82	0.00	5056.00	1.280	0.10
108.99	0.00	5056.00	1.280	0.10
109.16	0.00	5056.00	1.280	0.10
109.32	0.00	5056.00	1.280	0.10
109.49	0.00	5056.00	1.280	0.10
109.66	0.00	5056.00	1.280	0.10
109.82	0.00	5056.00	1.280	0.10
109.99	0.00	5056.00	1.280	0.10
110.16	0.00	5056.00	1.280	0.10
110.32	0.00	5056.00	1.280	0.10
110.49	0.00	5056.00	1.280	0.10
110.66	0.00	5056.00	1.280	0.10
110.82	0.00	5056.00	1.280	0.10
110.99	0.00	5056.00	1.280	0.10
111.16	0.00	5056.00	1.280	0.10
111.32	0.00	5056.00	1.280	0.10
111.49	0.00	5056.00	1.280	0.10
111.66	0.00	5056.00	1.280	0.10
111.82	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
111.99	0.00	5056.00	1.280	0.10
112.16	0.00	5056.00	1.280	0.10
112.32	0.00	5056.00	1.280	0.10
112.49	0.00	5056.00	1.280	0.10
112.66	0.00	5056.00	1.280	0.10

AHYMO.OUT

112.82	0.00	5056.00	1.280	0.10
112.99	0.00	5056.00	1.280	0.10
113.16	0.00	5056.00	1.280	0.10
113.32	0.00	5056.00	1.280	0.10
113.49	0.00	5056.00	1.280	0.10
113.66	0.00	5056.00	1.280	0.10
113.82	0.00	5056.00	1.280	0.10
113.99	0.00	5056.00	1.280	0.10
114.16	0.00	5056.00	1.280	0.10
114.32	0.00	5056.00	1.280	0.10
114.49	0.00	5056.00	1.280	0.10
114.66	0.00	5056.00	1.280	0.10
114.82	0.00	5056.00	1.280	0.10
114.99	0.00	5056.00	1.280	0.10
115.16	0.00	5056.00	1.280	0.10
115.32	0.00	5056.00	1.280	0.10
115.49	0.00	5056.00	1.280	0.10
115.66	0.00	5056.00	1.280	0.10
115.82	0.00	5056.00	1.280	0.10
115.99	0.00	5056.00	1.280	0.10
116.16	0.00	5056.00	1.280	0.10
116.32	0.00	5056.00	1.280	0.10
116.49	0.00	5056.00	1.280	0.10
116.66	0.00	5056.00	1.280	0.10
116.82	0.00	5056.00	1.280	0.10
116.99	0.00	5056.00	1.280	0.10
117.15	0.00	5056.00	1.280	0.10
117.32	0.00	5056.00	1.280	0.10
117.49	0.00	5056.00	1.280	0.10
117.65	0.00	5056.00	1.280	0.10
117.82	0.00	5056.00	1.280	0.10
117.99	0.00	5056.00	1.280	0.10
118.15	0.00	5056.00	1.280	0.10
118.32	0.00	5056.00	1.280	0.10
118.49	0.00	5056.00	1.280	0.10
118.65	0.00	5056.00	1.280	0.10
118.82	0.00	5056.00	1.280	0.10
118.99	0.00	5056.00	1.280	0.10
119.15	0.00	5056.00	1.280	0.10
119.32	0.00	5056.00	1.280	0.10
119.49	0.00	5056.00	1.280	0.10
119.65	0.00	5056.00	1.280	0.10
119.82	0.00	5056.00	1.280	0.10
119.99	0.00	5056.00	1.280	0.10
120.15	0.00	5056.00	1.280	0.10
120.32	0.00	5056.00	1.280	0.10
120.49	0.00	5056.00	1.280	0.10
120.65	0.00	5056.00	1.280	0.10
120.82	0.00	5056.00	1.280	0.10
120.99	0.00	5056.00	1.280	0.10
121.15	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
121.32	0.00	5056.00	1.280	0.10
121.49	0.00	5056.00	1.280	0.10

AHYMO.OUT

121.65	0.00	5056.00	1.280	0.10
121.82	0.00	5056.00	1.280	0.10
121.99	0.00	5056.00	1.280	0.10
122.15	0.00	5056.00	1.280	0.10
122.32	0.00	5056.00	1.280	0.10
122.49	0.00	5056.00	1.280	0.10
122.65	0.00	5056.00	1.280	0.10
122.82	0.00	5056.00	1.280	0.10
122.99	0.00	5056.00	1.280	0.10
123.15	0.00	5056.00	1.280	0.10
123.32	0.00	5056.00	1.280	0.10
123.49	0.00	5056.00	1.280	0.10
123.65	0.00	5056.00	1.280	0.10
123.82	0.00	5056.00	1.280	0.10
123.99	0.00	5056.00	1.280	0.10
124.15	0.00	5056.00	1.280	0.10
124.32	0.00	5056.00	1.280	0.10
124.49	0.00	5056.00	1.280	0.10
124.65	0.00	5056.00	1.280	0.10
124.82	0.00	5056.00	1.280	0.10
124.99	0.00	5056.00	1.280	0.10
125.15	0.00	5056.00	1.280	0.10
125.32	0.00	5056.00	1.280	0.10
125.49	0.00	5056.00	1.280	0.10
125.65	0.00	5056.00	1.280	0.10
125.82	0.00	5056.00	1.280	0.10
125.99	0.00	5056.00	1.280	0.10
126.15	0.00	5056.00	1.280	0.10
126.32	0.00	5056.00	1.280	0.10
126.49	0.00	5056.00	1.280	0.10
126.65	0.00	5056.00	1.280	0.10
126.82	0.00	5056.00	1.280	0.10
126.99	0.00	5056.00	1.280	0.10
127.15	0.00	5056.00	1.280	0.10
127.32	0.00	5056.00	1.280	0.10
127.49	0.00	5056.00	1.280	0.10
127.65	0.00	5056.00	1.280	0.10
127.82	0.00	5056.00	1.280	0.10
127.99	0.00	5056.00	1.280	0.10
128.15	0.00	5056.00	1.280	0.10
128.32	0.00	5056.00	1.280	0.10
128.49	0.00	5056.00	1.280	0.10
128.65	0.00	5056.00	1.280	0.10
128.82	0.00	5056.00	1.280	0.10
128.99	0.00	5056.00	1.280	0.10
129.15	0.00	5056.00	1.280	0.10
129.32	0.00	5056.00	1.280	0.10
129.49	0.00	5056.00	1.280	0.10
129.65	0.00	5056.00	1.280	0.10
129.82	0.00	5056.00	1.280	0.10
129.99	0.00	5056.00	1.280	0.10
130.15	0.00	5056.00	1.280	0.10
130.32	0.00	5056.00	1.280	0.10
130.49	0.00	5056.00	1.280	0.10

TIME	INFLOW	ELEV	VOLUME	OUTFLOW
(HRS)	(CFS)	(FEET)	(AC-FT)	(CFS)

AHYMO.OUT

130.65	0.00	5056.00	1.280	0.10
130.82	0.00	5056.00	1.280	0.10
130.99	0.00	5056.00	1.280	0.10
131.15	0.00	5056.00	1.280	0.10
131.32	0.00	5056.00	1.280	0.10
131.49	0.00	5056.00	1.280	0.10
131.65	0.00	5056.00	1.280	0.10
131.82	0.00	5056.00	1.280	0.10
131.99	0.00	5056.00	1.280	0.10
132.15	0.00	5056.00	1.280	0.10
132.32	0.00	5056.00	1.280	0.10
132.49	0.00	5056.00	1.280	0.10
132.65	0.00	5056.00	1.280	0.10
132.82	0.00	5056.00	1.280	0.10
132.99	0.00	5056.00	1.280	0.10
133.15	0.00	5056.00	1.280	0.10
PEAK DISCHARGE = 105.757 CFS - PEAK OCCURS AT HOUR 1.67				
MAXIMUM WATER SURFACE ELEVATION = 5058.988				
MAXIMUM STORAGE = 2.9624 AC-FT INCREMENTAL TIME= 0.033330HRS				

*****48" SD INV OUT=5056.5

*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED C

*SEE SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)

*TOTAL FLOW FROM DRAINAGE POND OUTLET STRUCTURE TO S-2 STRUCTURE

PRINT HYD ID = 33

HYDROGRAPH FROM AREA OUTFLOW

FLOW	TIME	FLOW	TIME	FLOW	TIME	FLOW	TIME
	HRS	CFS	HRS	CFS	HRS	CFS	HRS
CFS	0.000	0.0	26.664	0.1	53.328	0.1	79.993
0.1	106.659	0.1					
0.1	0.033	0.1	26.698	0.1	53.361	0.1	80.026
0.1	106.692	0.1					
0.1	0.067	0.1	26.731	0.1	53.394	0.1	80.059
0.1	106.726	0.1					
0.1	0.100	0.1	26.764	0.1	53.428	0.1	80.093
0.1	106.759	0.1					
0.1	0.133	0.1	26.798	0.1	53.461	0.1	80.126
0.1	106.792	0.1					
0.1	0.167	0.1	26.831	0.1	53.494	0.1	80.159
0.1	106.826	0.1					
0.1	0.200	0.1	26.864	0.1	53.528	0.1	80.193
0.1	106.859	0.1					
0.1	0.233	0.1	26.898	0.1	53.561	0.1	80.226
0.1	106.892	0.1					
0.1	0.267	0.1	26.931	0.1	53.594	0.1	80.259
0.1	106.926	0.1					
0.1	0.300	0.1	26.964	0.1	53.628	0.1	80.293
0.1	106.959	0.1					
0.1	0.333	0.1	26.998	0.1	53.661	0.1	80.326
0.1	106.992	0.1					
0.1	0.367	0.1	27.031	0.1	53.694	0.1	80.359
0.1	107.026	0.1					

				AHYMO.OUT			
	0.400	0.1	27.064	0.1	53.728	0.1	80.393
0.1	107.059	0.1					
	0.433	0.1	27.098	0.1	53.761	0.1	80.426
0.1	107.092	0.1					
	0.467	0.1	27.131	0.1	53.794	0.1	80.459
0.1	107.126	0.1					
	0.500	0.1	27.164	0.1	53.828	0.1	80.493
0.1	107.159	0.1					
	0.533	0.1	27.198	0.1	53.861	0.1	80.526
0.1	107.192	0.1					
	0.567	0.1	27.231	0.1	53.894	0.1	80.559
0.1	107.226	0.1					
	0.600	0.1	27.264	0.1	53.928	0.1	80.593
0.1	107.259	0.1					
	0.633	0.1	27.298	0.1	53.961	0.1	80.626
0.1	107.292	0.1					
	0.667	0.1	27.331	0.1	53.994	0.1	80.659
0.1	107.326	0.1					
	0.700	0.1	27.364	0.1	54.028	0.1	80.693
0.1	107.359	0.1					
	0.733	0.1	27.398	0.1	54.061	0.1	80.726
0.1	107.392	0.1					
	0.767	0.1	27.431	0.1	54.094	0.1	80.759
0.1	107.426	0.1					
	0.800	0.1	27.464	0.1	54.128	0.1	80.793
0.1	107.459	0.1					
	0.833	0.1	27.498	0.1	54.161	0.1	80.826
0.1	107.492	0.1					
	0.867	0.1	27.531	0.1	54.194	0.1	80.859
0.1	107.526	0.1					
	0.900	0.1	27.564	0.1	54.228	0.1	80.893
0.1	107.559	0.1					
	0.933	0.1	27.598	0.1	54.261	0.1	80.926
0.1	107.592	0.1					
	0.967	0.1	27.631	0.1	54.294	0.1	80.959
0.1	107.626	0.1					
	1.000	0.1	27.664	0.1	54.328	0.1	80.993
0.1	107.659	0.1					
	1.033	0.1	27.698	0.1	54.361	0.1	81.026
0.1	107.692	0.1					
	1.067	0.1	27.731	0.1	54.394	0.1	81.059
0.1	107.726	0.1					
	1.100	0.1	27.764	0.1	54.428	0.1	81.093
0.1	107.759	0.1					
	1.133	0.1	27.798	0.1	54.461	0.1	81.126
0.1	107.792	0.1					
	1.167	0.1	27.831	0.1	54.494	0.1	81.159
0.1	107.826	0.1					
	1.200	0.1	27.864	0.1	54.528	0.1	81.193
0.1	107.859	0.1					
	1.233	0.1	27.898	0.1	54.561	0.1	81.226
0.1	107.892	0.1					
	1.267	0.1	27.931	0.1	54.594	0.1	81.259
0.1	107.926	0.1					
	1.300	0.1	27.964	0.1	54.628	0.1	81.293
0.1	107.959	0.1					
	1.333	0.1	27.998	0.1	54.661	0.1	81.326

AHYMO.OUT							
0.1	107.992	0.1					
	1.367	0.1	28.031	0.1	54.694	0.1	81.359
0.1	108.026	0.1					
	1.400	0.1	28.064	0.1	54.728	0.1	81.393
0.1	108.059	0.1					
	1.433	0.1	28.098	0.1	54.761	0.1	81.426
0.1	108.092	0.1					
	1.467	0.1	28.131	0.1	54.794	0.1	81.459
0.1	108.126	0.1					
	1.500	9.2	28.164	0.1	54.828	0.1	81.493
0.1	108.159	0.1					
	1.533	67.4	28.198	0.1	54.861	0.1	81.526
0.1	108.192	0.1					
	1.567	86.9	28.231	0.1	54.894	0.1	81.559
0.1	108.226	0.1					
	1.600	97.4	28.264	0.1	54.928	0.1	81.593
0.1	108.259	0.1					
	1.633	103.7	28.297	0.1	54.961	0.1	81.626
0.1	108.292	0.1					
	1.666	105.8	28.331	0.1	54.994	0.1	81.659
0.1	108.326	0.1					
	1.700	104.3	28.364	0.1	55.028	0.1	81.693
0.1	108.359	0.1					
	1.733	100.8	28.397	0.1	55.061	0.1	81.726
0.1	108.392	0.1					
	1.766	96.5	28.431	0.1	55.094	0.1	81.759
0.1	108.426	0.1					
	1.800	91.9	28.464	0.1	55.128	0.1	81.793
0.1	108.459	0.1					
	1.833	86.9	28.497	0.1	55.161	0.1	81.826
0.1	108.492	0.1					
	1.866	80.4	28.531	0.1	55.194	0.1	81.859
0.1	108.526	0.1					
	1.900	73.9	28.564	0.1	55.228	0.1	81.893
0.1	108.559	0.1					
	1.933	67.7	28.597	0.1	55.261	0.1	81.926
0.1	108.592	0.1					
	1.966	61.9	28.631	0.1	55.294	0.1	81.959
0.1	108.626	0.1					
	2.000	49.2	28.664	0.1	55.328	0.1	81.993
0.1	108.659	0.1					
	2.033	39.1	28.697	0.1	55.361	0.1	82.026
0.1	108.692	0.1					
	2.066	31.4	28.731	0.1	55.394	0.1	82.059
0.1	108.726	0.1					
	2.100	25.6	28.764	0.1	55.428	0.1	82.093
0.1	108.759	0.1					
	2.133	21.2	28.797	0.1	55.461	0.1	82.126
0.1	108.792	0.1					
	2.166	17.9	28.831	0.1	55.494	0.1	82.159
0.1	108.826	0.1					
	2.200	15.2	28.864	0.1	55.528	0.1	82.193
0.1	108.859	0.1					
	2.233	13.2	28.897	0.1	55.561	0.1	82.226
0.1	108.892	0.1					
	2.266	11.5	28.931	0.1	55.594	0.1	82.259
0.1	108.926	0.1					

				AHYMO.OUT			
	2.300	10.2	28.964	0.1	55.627	0.1	82.293
0.1	108.959	0.1					
	2.333	9.1	28.997	0.1	55.661	0.1	82.326
0.1	108.992	0.1					
	2.366	8.1	29.031	0.1	55.694	0.1	82.359
0.1	109.026	0.1					
	2.400	7.4	29.064	0.1	55.727	0.1	82.393
0.1	109.059	0.1					
	2.433	6.7	29.097	0.1	55.761	0.1	82.426
0.1	109.092	0.1					
	2.466	6.0	29.131	0.1	55.794	0.1	82.459
0.1	109.126	0.1					
	2.500	5.5	29.164	0.1	55.827	0.1	82.493
0.1	109.159	0.1					
	2.533	5.0	29.197	0.1	55.861	0.1	82.526
0.1	109.192	0.1					
	2.566	4.5	29.231	0.1	55.894	0.1	82.559
0.1	109.226	0.1					
	2.600	4.1	29.264	0.1	55.927	0.1	82.593
0.1	109.259	0.1					
	2.633	3.7	29.297	0.1	55.961	0.1	82.626
0.1	109.292	0.1					
	2.666	3.4	29.331	0.1	55.994	0.1	82.659
0.1	109.326	0.1					
	2.700	3.1	29.364	0.1	56.027	0.1	82.693
0.1	109.359	0.1					
	2.733	2.9	29.397	0.1	56.061	0.1	82.726
0.1	109.392	0.1					
	2.766	2.7	29.431	0.1	56.094	0.1	82.759
0.1	109.426	0.1					
	2.800	2.5	29.464	0.1	56.127	0.1	82.793
0.1	109.459	0.1					
	2.833	2.3	29.497	0.1	56.161	0.1	82.826
0.1	109.492	0.1					
	2.866	2.1	29.531	0.1	56.194	0.1	82.859
0.1	109.526	0.1					
	2.900	1.9	29.564	0.1	56.227	0.1	82.893
0.1	109.559	0.1					
	2.933	1.8	29.597	0.1	56.261	0.1	82.926
0.1	109.592	0.1					
	2.966	1.7	29.631	0.1	56.294	0.1	82.959
0.1	109.626	0.1					
	3.000	1.5	29.664	0.1	56.327	0.1	82.993
0.1	109.659	0.1					
	3.033	1.4	29.697	0.1	56.361	0.1	83.026
0.1	109.692	0.1					
	3.066	1.3	29.731	0.1	56.394	0.1	83.059
0.1	109.726	0.1					
	3.100	1.3	29.764	0.1	56.427	0.1	83.093
0.1	109.759	0.1					
	3.133	1.2	29.797	0.1	56.461	0.1	83.126
0.1	109.792	0.1					
	3.166	1.1	29.831	0.1	56.494	0.1	83.159
0.1	109.826	0.1					
	3.200	1.0	29.864	0.1	56.527	0.1	83.193
0.1	109.859	0.1					
	3.233	1.0	29.897	0.1	56.561	0.1	83.226

AHYMO.OUT							
0.1	109.892	0.1					
	3.266	0.9	29.931	0.1	56.594	0.1	83.259
0.1	109.926	0.1					
	3.300	0.8	29.964	0.1	56.627	0.1	83.293
0.1	109.959	0.1					
	3.333	0.8	29.997	0.1	56.661	0.1	83.326
0.1	109.992	0.1					
	3.366	0.7	30.031	0.1	56.694	0.1	83.359
0.1	110.026	0.1					
	3.400	0.7	30.064	0.1	56.727	0.1	83.393
0.1	110.059	0.1					
	3.433	0.7	30.097	0.1	56.761	0.1	83.426
0.1	110.092	0.1					
	3.466	0.6	30.131	0.1	56.794	0.1	83.459
0.1	110.126	0.1					
	3.500	0.6	30.164	0.1	56.827	0.1	83.493
0.1	110.159	0.1					
	3.533	0.5	30.197	0.1	56.861	0.1	83.526
0.1	110.192	0.1					
	3.566	0.5	30.231	0.1	56.894	0.1	83.559
0.1	110.226	0.1					
	3.600	0.5	30.264	0.1	56.927	0.1	83.593
0.1	110.259	0.1					
	3.633	0.5	30.297	0.1	56.961	0.1	83.626
0.1	110.292	0.1					
	3.666	0.4	30.331	0.1	56.994	0.1	83.659
0.1	110.326	0.1					
	3.700	0.4	30.364	0.1	57.027	0.1	83.693
0.1	110.359	0.1					
	3.733	0.4	30.397	0.1	57.061	0.1	83.726
0.1	110.392	0.1					
	3.766	0.4	30.431	0.1	57.094	0.1	83.759
0.1	110.426	0.1					
	3.800	0.4	30.464	0.1	57.127	0.1	83.793
0.1	110.459	0.1					
	3.833	0.3	30.497	0.1	57.161	0.1	83.826
0.1	110.492	0.1					
	3.866	0.3	30.531	0.1	57.194	0.1	83.859
0.1	110.526	0.1					
	3.900	0.3	30.564	0.1	57.227	0.1	83.893
0.1	110.559	0.1					
	3.933	0.3	30.597	0.1	57.261	0.1	83.926
0.1	110.592	0.1					
	3.966	0.3	30.631	0.1	57.294	0.1	83.959
0.1	110.626	0.1					
	4.000	0.3	30.664	0.1	57.327	0.1	83.993
0.1	110.659	0.1					
	4.033	0.3	30.697	0.1	57.361	0.1	84.026
0.1	110.692	0.1					
	4.066	0.3	30.731	0.1	57.394	0.1	84.059
0.1	110.726	0.1					
	4.100	0.3	30.764	0.1	57.427	0.1	84.093
0.1	110.759	0.1					
	4.133	0.3	30.797	0.1	57.461	0.1	84.126
0.1	110.792	0.1					
	4.166	0.3	30.831	0.1	57.494	0.1	84.159
0.1	110.826	0.1					

				AHYMO.OUT			
	4.200	0.3	30.864	0.1	57.527	0.1	84.193
0.1	110.859	0.1					
	4.233	0.3	30.897	0.1	57.561	0.1	84.226
0.1	110.892	0.1					
	4.266	0.3	30.931	0.1	57.594	0.1	84.259
0.1	110.926	0.1					
	4.300	0.3	30.964	0.1	57.627	0.1	84.293
0.1	110.959	0.1					
	4.333	0.3	30.997	0.1	57.661	0.1	84.326
0.1	110.992	0.1					
	4.366	0.3	31.031	0.1	57.694	0.1	84.359
0.1	111.026	0.1					
	4.400	0.3	31.064	0.1	57.727	0.1	84.393
0.1	111.059	0.1					
	4.433	0.3	31.097	0.1	57.761	0.1	84.426
0.1	111.092	0.1					
	4.466	0.3	31.131	0.1	57.794	0.1	84.459
0.1	111.126	0.1					
	4.500	0.3	31.164	0.1	57.827	0.1	84.493
0.1	111.159	0.1					
	4.533	0.3	31.197	0.1	57.861	0.1	84.526
0.1	111.192	0.1					
	4.566	0.3	31.231	0.1	57.894	0.1	84.559
0.1	111.226	0.1					
	4.600	0.3	31.264	0.1	57.927	0.1	84.593
0.1	111.259	0.1					
	4.633	0.3	31.297	0.1	57.961	0.1	84.626
0.1	111.292	0.1					
	4.666	0.3	31.331	0.1	57.994	0.1	84.659
0.1	111.326	0.1					
	4.700	0.3	31.364	0.1	58.027	0.1	84.693
0.1	111.359	0.1					
	4.733	0.3	31.397	0.1	58.061	0.1	84.726
0.1	111.392	0.1					
	4.766	0.3	31.431	0.1	58.094	0.1	84.759
0.1	111.426	0.1					
	4.800	0.3	31.464	0.1	58.127	0.1	84.793
0.1	111.459	0.1					
	4.833	0.3	31.497	0.1	58.160	0.1	84.826
0.1	111.492	0.1					
	4.866	0.3	31.531	0.1	58.194	0.1	84.859
0.1	111.526	0.1					
	4.900	0.3	31.564	0.1	58.227	0.1	84.893
0.1	111.559	0.1					
	4.933	0.3	31.597	0.1	58.260	0.1	84.926
0.1	111.592	0.1					
	4.966	0.3	31.631	0.1	58.294	0.1	84.959
0.1	111.626	0.1					
	4.999	0.3	31.664	0.1	58.327	0.1	84.993
0.1	111.659	0.1					
	5.033	0.3	31.697	0.1	58.360	0.1	85.026
0.1	111.692	0.1					
	5.066	0.3	31.731	0.1	58.394	0.1	85.059
0.1	111.726	0.1					
	5.099	0.3	31.764	0.1	58.427	0.1	85.093
0.1	111.759	0.1					
	5.133	0.3	31.797	0.1	58.460	0.1	85.126

AHYMO.OUT							
0.1	111.792	0.1					
	5.166	0.3	31.831	0.1	58.494	0.1	85.159
0.1	111.826	0.1					
	5.199	0.3	31.864	0.1	58.527	0.1	85.193
0.1	111.859	0.1					
	5.233	0.3	31.897	0.1	58.560	0.1	85.226
0.1	111.892	0.1					
	5.266	0.3	31.931	0.1	58.594	0.1	85.259
0.1	111.926	0.1					
	5.299	0.3	31.964	0.1	58.627	0.1	85.293
0.1	111.959	0.1					
	5.333	0.3	31.997	0.1	58.660	0.1	85.326
0.1	111.992	0.1					
	5.366	0.3	32.031	0.1	58.694	0.1	85.359
0.1	112.026	0.1					
	5.399	0.3	32.064	0.1	58.727	0.1	85.393
0.1	112.059	0.1					
	5.433	0.3	32.097	0.1	58.760	0.1	85.426
0.1	112.092	0.1					
	5.466	0.3	32.131	0.1	58.794	0.1	85.459
0.1	112.126	0.1					
	5.499	0.3	32.164	0.1	58.827	0.1	85.493
0.1	112.159	0.1					
	5.533	0.3	32.197	0.1	58.860	0.1	85.526
0.1	112.192	0.1					
	5.566	0.3	32.231	0.1	58.894	0.1	85.559
0.1	112.226	0.1					
	5.599	0.3	32.264	0.1	58.927	0.1	85.593
0.1	112.259	0.1					
	5.633	0.3	32.297	0.1	58.960	0.1	85.626
0.1	112.292	0.1					
	5.666	0.3	32.331	0.1	58.994	0.1	85.659
0.1	112.326	0.1					
	5.699	0.3	32.364	0.1	59.027	0.1	85.693
0.1	112.359	0.1					
	5.733	0.3	32.397	0.1	59.060	0.1	85.726
0.1	112.392	0.1					
	5.766	0.3	32.431	0.1	59.094	0.1	85.759
0.1	112.426	0.1					
	5.799	0.3	32.464	0.1	59.127	0.1	85.793
0.1	112.459	0.1					
	5.833	0.3	32.497	0.1	59.160	0.1	85.826
0.1	112.492	0.1					
	5.866	0.3	32.530	0.1	59.194	0.1	85.859
0.1	112.526	0.1					
	5.899	0.3	32.564	0.1	59.227	0.1	85.893
0.1	112.559	0.1					
	5.933	0.3	32.597	0.1	59.260	0.1	85.926
0.1	112.592	0.1					
	5.966	0.3	32.630	0.1	59.294	0.1	85.959
0.1	112.626	0.1					
	5.999	0.3	32.664	0.1	59.327	0.1	85.993
0.1	112.659	0.1					
	6.033	0.3	32.697	0.1	59.360	0.1	86.026
0.1	112.692	0.1					
	6.066	0.3	32.730	0.1	59.394	0.1	86.059
0.1	112.726	0.1					

				AHYMO.OUT			
	6.099	0.3	32.764	0.1	59.427	0.1	86.093
0.1	112.759	0.1					
	6.133	0.3	32.797	0.1	59.460	0.1	86.126
0.1	112.792	0.1					
	6.166	0.3	32.830	0.1	59.494	0.1	86.159
0.1	112.826	0.1					
	6.199	0.2	32.864	0.1	59.527	0.1	86.193
0.1	112.859	0.1					
	6.233	0.2	32.897	0.1	59.560	0.1	86.226
0.1	112.892	0.1					
	6.266	0.2	32.930	0.1	59.594	0.1	86.259
0.1	112.926	0.1					
	6.299	0.2	32.964	0.1	59.627	0.1	86.293
0.1	112.959	0.1					
	6.333	0.2	32.997	0.1	59.660	0.1	86.326
0.1	112.992	0.1					
	6.366	0.1	33.030	0.1	59.694	0.1	86.359
0.1	113.026	0.1					
	6.399	0.1	33.064	0.1	59.727	0.1	86.393
0.1	113.059	0.1					
	6.433	0.1	33.097	0.1	59.760	0.1	86.426
0.1	113.092	0.1					
	6.466	0.1	33.130	0.1	59.794	0.1	86.459
0.1	113.126	0.1					
	6.499	0.1	33.164	0.1	59.827	0.1	86.493
0.1	113.159	0.1					
	6.533	0.1	33.197	0.1	59.860	0.1	86.526
0.1	113.192	0.1					
	6.566	0.1	33.230	0.1	59.894	0.1	86.559
0.1	113.226	0.1					
	6.599	0.1	33.264	0.1	59.927	0.1	86.593
0.1	113.259	0.1					
	6.633	0.1	33.297	0.1	59.960	0.1	86.626
0.1	113.292	0.1					
	6.666	0.1	33.330	0.1	59.994	0.1	86.659
0.1	113.326	0.1					
	6.699	0.1	33.364	0.1	60.027	0.1	86.693
0.1	113.359	0.1					
	6.733	0.1	33.397	0.1	60.060	0.1	86.726
0.1	113.392	0.1					
	6.766	0.1	33.430	0.1	60.094	0.1	86.759
0.1	113.426	0.1					
	6.799	0.1	33.464	0.1	60.127	0.1	86.793
0.1	113.459	0.1					
	6.833	0.1	33.497	0.1	60.160	0.1	86.826
0.1	113.492	0.1					
	6.866	0.1	33.530	0.1	60.194	0.1	86.859
0.1	113.526	0.1					
	6.899	0.1	33.564	0.1	60.227	0.1	86.893
0.1	113.559	0.1					
	6.933	0.1	33.597	0.1	60.260	0.1	86.926
0.1	113.592	0.1					
	6.966	0.1	33.630	0.1	60.294	0.1	86.959
0.1	113.626	0.1					
	6.999	0.1	33.664	0.1	60.327	0.1	86.993
0.1	113.659	0.1					
	7.033	0.1	33.697	0.1	60.360	0.1	87.026

AHYMO.OUT							
0.1	113.692	0.1					
	7.066	0.1	33.730	0.1	60.394	0.1	87.059
0.1	113.726	0.1					
	7.099	0.1	33.764	0.1	60.427	0.1	87.093
0.1	113.759	0.1					
	7.133	0.1	33.797	0.1	60.460	0.1	87.126
0.1	113.792	0.1					
	7.166	0.1	33.830	0.1	60.494	0.1	87.159
0.1	113.826	0.1					
	7.199	0.1	33.864	0.1	60.527	0.1	87.193
0.1	113.859	0.1					
	7.233	0.1	33.897	0.1	60.560	0.1	87.226
0.1	113.892	0.1					
	7.266	0.1	33.930	0.1	60.594	0.1	87.259
0.1	113.926	0.1					
	7.299	0.1	33.964	0.1	60.627	0.1	87.293
0.1	113.959	0.1					
	7.333	0.1	33.997	0.1	60.660	0.1	87.326
0.1	113.992	0.1					
	7.366	0.1	34.030	0.1	60.694	0.1	87.359
0.1	114.026	0.1					
	7.399	0.1	34.064	0.1	60.727	0.1	87.393
0.1	114.059	0.1					
	7.433	0.1	34.097	0.1	60.760	0.1	87.426
0.1	114.092	0.1					
	7.466	0.1	34.130	0.1	60.793	0.1	87.459
0.1	114.126	0.1					
	7.499	0.1	34.164	0.1	60.827	0.1	87.493
0.1	114.159	0.1					
	7.533	0.1	34.197	0.1	60.860	0.1	87.526
0.1	114.192	0.1					
	7.566	0.1	34.230	0.1	60.893	0.1	87.559
0.1	114.226	0.1					
	7.599	0.1	34.264	0.1	60.927	0.1	87.593
0.1	114.259	0.1					
	7.633	0.1	34.297	0.1	60.960	0.1	87.626
0.1	114.292	0.1					
	7.666	0.1	34.330	0.1	60.993	0.1	87.659
0.1	114.326	0.1					
	7.699	0.1	34.364	0.1	61.027	0.1	87.693
0.1	114.359	0.1					
	7.733	0.1	34.397	0.1	61.060	0.1	87.726
0.1	114.392	0.1					
	7.766	0.1	34.430	0.1	61.093	0.1	87.759
0.1	114.426	0.1					
	7.799	0.1	34.464	0.1	61.127	0.1	87.793
0.1	114.459	0.1					
	7.833	0.1	34.497	0.1	61.160	0.1	87.826
0.1	114.492	0.1					
	7.866	0.1	34.530	0.1	61.193	0.1	87.859
0.1	114.526	0.1					
	7.899	0.1	34.564	0.1	61.227	0.1	87.893
0.1	114.559	0.1					
	7.933	0.1	34.597	0.1	61.260	0.1	87.926
0.1	114.592	0.1					
	7.966	0.1	34.630	0.1	61.293	0.1	87.959
0.1	114.626	0.1					

				AHYMO.OUT			
	7.999	0.1	34.664	0.1	61.327	0.1	87.993
0.1	114.659	0.1					
	8.033	0.1	34.697	0.1	61.360	0.1	88.026
0.1	114.692	0.1					
	8.066	0.1	34.730	0.1	61.393	0.1	88.059
0.1	114.726	0.1					
	8.099	0.1	34.764	0.1	61.427	0.1	88.093
0.1	114.759	0.1					
	8.133	0.1	34.797	0.1	61.460	0.1	88.126
0.1	114.792	0.1					
	8.166	0.1	34.830	0.1	61.493	0.1	88.159
0.1	114.826	0.1					
	8.199	0.1	34.864	0.1	61.527	0.1	88.193
0.1	114.859	0.1					
	8.233	0.1	34.897	0.1	61.560	0.1	88.226
0.1	114.892	0.1					
	8.266	0.1	34.930	0.1	61.593	0.1	88.259
0.1	114.926	0.1					
	8.299	0.1	34.964	0.1	61.627	0.1	88.293
0.1	114.959	0.1					
	8.332	0.1	34.997	0.1	61.660	0.1	88.326
0.1	114.992	0.1					
	8.366	0.1	35.030	0.1	61.693	0.1	88.359
0.1	115.026	0.1					
	8.399	0.1	35.063	0.1	61.727	0.1	88.393
0.1	115.059	0.1					
	8.432	0.1	35.097	0.1	61.760	0.1	88.426
0.1	115.092	0.1					
	8.466	0.1	35.130	0.1	61.793	0.1	88.459
0.1	115.126	0.1					
	8.499	0.1	35.163	0.1	61.827	0.1	88.493
0.1	115.159	0.1					
	8.532	0.1	35.197	0.1	61.860	0.1	88.526
0.1	115.192	0.1					
	8.566	0.1	35.230	0.1	61.893	0.1	88.559
0.1	115.226	0.1					
	8.599	0.1	35.263	0.1	61.927	0.1	88.593
0.1	115.259	0.1					
	8.632	0.1	35.297	0.1	61.960	0.1	88.626
0.1	115.292	0.1					
	8.666	0.1	35.330	0.1	61.993	0.1	88.659
0.1	115.326	0.1					
	8.699	0.1	35.363	0.1	62.027	0.1	88.693
0.1	115.359	0.1					
	8.732	0.1	35.397	0.1	62.060	0.1	88.726
0.1	115.392	0.1					
	8.766	0.1	35.430	0.1	62.093	0.1	88.759
0.1	115.426	0.1					
	8.799	0.1	35.463	0.1	62.127	0.1	88.793
0.1	115.459	0.1					
	8.832	0.1	35.497	0.1	62.160	0.1	88.826
0.1	115.492	0.1					
	8.866	0.1	35.530	0.1	62.193	0.1	88.859
0.1	115.526	0.1					
	8.899	0.1	35.563	0.1	62.227	0.1	88.893
0.1	115.559	0.1					
	8.932	0.1	35.597	0.1	62.260	0.1	88.926

AHYMO.OUT							
0.1	115.592	0.1					
	8.966	0.1	35.630	0.1	62.293	0.1	88.959
0.1	115.626	0.1					
	8.999	0.1	35.663	0.1	62.327	0.1	88.993
0.1	115.659	0.1					
	9.032	0.1	35.697	0.1	62.360	0.1	89.026
0.1	115.692	0.1					
	9.066	0.1	35.730	0.1	62.393	0.1	89.059
0.1	115.726	0.1					
	9.099	0.1	35.763	0.1	62.427	0.1	89.093
0.1	115.759	0.1					
	9.132	0.1	35.797	0.1	62.460	0.1	89.126
0.1	115.792	0.1					
	9.166	0.1	35.830	0.1	62.493	0.1	89.159
0.1	115.826	0.1					
	9.199	0.1	35.863	0.1	62.527	0.1	89.193
0.1	115.859	0.1					
	9.232	0.1	35.897	0.1	62.560	0.1	89.226
0.1	115.892	0.1					
	9.266	0.1	35.930	0.1	62.593	0.1	89.259
0.1	115.926	0.1					
	9.299	0.1	35.963	0.1	62.627	0.1	89.293
0.1	115.959	0.1					
	9.332	0.1	35.997	0.1	62.660	0.1	89.326
0.1	115.992	0.1					
	9.366	0.1	36.030	0.1	62.693	0.1	89.359
0.1	116.026	0.1					
	9.399	0.1	36.063	0.1	62.727	0.1	89.393
0.1	116.059	0.1					
	9.432	0.1	36.097	0.1	62.760	0.1	89.426
0.1	116.092	0.1					
	9.466	0.1	36.130	0.1	62.793	0.1	89.459
0.1	116.126	0.1					
	9.499	0.1	36.163	0.1	62.827	0.1	89.493
0.1	116.159	0.1					
	9.532	0.1	36.197	0.1	62.860	0.1	89.526
0.1	116.192	0.1					
	9.566	0.1	36.230	0.1	62.893	0.1	89.559
0.1	116.226	0.1					
	9.599	0.1	36.263	0.1	62.927	0.1	89.593
0.1	116.259	0.1					
	9.632	0.1	36.297	0.1	62.960	0.1	89.626
0.1	116.292	0.1					
	9.666	0.1	36.330	0.1	62.993	0.1	89.659
0.1	116.326	0.1					
	9.699	0.1	36.363	0.1	63.027	0.1	89.693
0.1	116.359	0.1					
	9.732	0.1	36.397	0.1	63.060	0.1	89.726
0.1	116.392	0.1					
	9.766	0.1	36.430	0.1	63.093	0.1	89.759
0.1	116.426	0.1					
	9.799	0.1	36.463	0.1	63.127	0.1	89.793
0.1	116.459	0.1					
	9.832	0.1	36.497	0.1	63.160	0.1	89.826
0.1	116.492	0.1					
	9.866	0.1	36.530	0.1	63.193	0.1	89.859
0.1	116.526	0.1					

				AHYMO.OUT			
	9.899	0.1	36.563	0.1	63.227	0.1	89.893
0.1	116.559	0.1					
	9.932	0.1	36.597	0.1	63.260	0.1	89.926
0.1	116.592	0.1					
	9.966	0.1	36.630	0.1	63.293	0.1	89.959
0.1	116.626	0.1					
	9.999	0.1	36.663	0.1	63.326	0.1	89.993
0.1	116.659	0.1					
	10.032	0.1	36.697	0.1	63.360	0.1	90.026
0.1	116.692	0.1					
	10.066	0.1	36.730	0.1	63.393	0.1	90.059
0.1	116.726	0.1					
	10.099	0.1	36.763	0.1	63.426	0.1	90.093
0.1	116.759	0.1					
	10.132	0.1	36.797	0.1	63.460	0.1	90.126
0.1	116.792	0.1					
	10.166	0.1	36.830	0.1	63.493	0.1	90.159
0.1	116.826	0.1					
	10.199	0.1	36.863	0.1	63.526	0.1	90.193
0.1	116.859	0.1					
	10.232	0.1	36.897	0.1	63.560	0.1	90.226
0.1	116.892	0.1					
	10.266	0.1	36.930	0.1	63.593	0.1	90.259
0.1	116.926	0.1					
	10.299	0.1	36.963	0.1	63.626	0.1	90.293
0.1	116.959	0.1					
	10.332	0.1	36.997	0.1	63.660	0.1	90.326
0.1	116.992	0.1					
	10.366	0.1	37.030	0.1	63.693	0.1	90.359
0.1	117.026	0.1					
	10.399	0.1	37.063	0.1	63.726	0.1	90.393
0.1	117.059	0.1					
	10.432	0.1	37.097	0.1	63.760	0.1	90.426
0.1	117.092	0.1					
	10.466	0.1	37.130	0.1	63.793	0.1	90.459
0.1	117.126	0.1					
	10.499	0.1	37.163	0.1	63.826	0.1	90.493
0.1	117.159	0.1					
	10.532	0.1	37.197	0.1	63.860	0.1	90.526
0.1	117.192	0.1					
	10.566	0.1	37.230	0.1	63.893	0.1	90.559
0.1	117.226	0.1					
	10.599	0.1	37.263	0.1	63.926	0.1	90.593
0.1	117.259	0.1					
	10.632	0.1	37.297	0.1	63.960	0.1	90.626
0.1	117.292	0.1					
	10.666	0.1	37.330	0.1	63.993	0.1	90.659
0.1	117.326	0.1					
	10.699	0.1	37.363	0.1	64.026	0.1	90.693
0.1	117.359	0.1					
	10.732	0.1	37.397	0.1	64.060	0.1	90.726
0.1	117.392	0.1					
	10.766	0.1	37.430	0.1	64.093	0.1	90.759
0.1	117.426	0.1					
	10.799	0.1	37.463	0.1	64.126	0.1	90.793
0.1	117.459	0.1					
	10.832	0.1	37.497	0.1	64.160	0.1	90.826

AHYMO.OUT							
0.1	117.492	0.1					
	10.866	0.1	37.530	0.1	64.193	0.1	90.859
0.1	117.526	0.1					
	10.899	0.1	37.563	0.1	64.226	0.1	90.893
0.1	117.559	0.1					
	10.932	0.1	37.597	0.1	64.260	0.1	90.926
0.1	117.592	0.1					
	10.966	0.1	37.630	0.1	64.293	0.1	90.959
0.1	117.626	0.1					
	10.999	0.1	37.663	0.1	64.326	0.1	90.993
0.1	117.659	0.1					
	11.032	0.1	37.696	0.1	64.360	0.1	91.026
0.1	117.692	0.1					
	11.066	0.1	37.730	0.1	64.393	0.1	91.059
0.1	117.726	0.1					
	11.099	0.1	37.763	0.1	64.426	0.1	91.093
0.1	117.759	0.1					
	11.132	0.1	37.796	0.1	64.460	0.1	91.126
0.1	117.792	0.1					
	11.166	0.1	37.830	0.1	64.493	0.1	91.159
0.1	117.826	0.1					
	11.199	0.1	37.863	0.1	64.526	0.1	91.193
0.1	117.859	0.1					
	11.232	0.1	37.896	0.1	64.560	0.1	91.226
0.1	117.892	0.1					
	11.266	0.1	37.930	0.1	64.593	0.1	91.259
0.1	117.926	0.1					
	11.299	0.1	37.963	0.1	64.626	0.1	91.293
0.1	117.959	0.1					
	11.332	0.1	37.996	0.1	64.660	0.1	91.326
0.1	117.992	0.1					
	11.366	0.1	38.030	0.1	64.693	0.1	91.359
0.1	118.026	0.1					
	11.399	0.1	38.063	0.1	64.726	0.1	91.393
0.1	118.059	0.1					
	11.432	0.1	38.096	0.1	64.760	0.1	91.426
0.1	118.092	0.1					
	11.466	0.1	38.130	0.1	64.793	0.1	91.459
0.1	118.126	0.1					
	11.499	0.1	38.163	0.1	64.826	0.1	91.493
0.1	118.159	0.1					
	11.532	0.1	38.196	0.1	64.860	0.1	91.526
0.1	118.192	0.1					
	11.565	0.1	38.230	0.1	64.893	0.1	91.559
0.1	118.226	0.1					
	11.599	0.1	38.263	0.1	64.926	0.1	91.593
0.1	118.259	0.1					
	11.632	0.1	38.296	0.1	64.960	0.1	91.626
0.1	118.292	0.1					
	11.665	0.1	38.330	0.1	64.993	0.1	91.659
0.1	118.326	0.1					
	11.699	0.1	38.363	0.1	65.026	0.1	91.693
0.1	118.359	0.1					
	11.732	0.1	38.396	0.1	65.060	0.1	91.726
0.1	118.392	0.1					
	11.765	0.1	38.430	0.1	65.093	0.1	91.759
0.1	118.426	0.1					

				AHYMO.OUT			
	11.799	0.1	38.463	0.1	65.126	0.1	91.793
0.1	118.459	0.1					
	11.832	0.1	38.496	0.1	65.160	0.1	91.826
0.1	118.492	0.1					
	11.865	0.1	38.530	0.1	65.193	0.1	91.859
0.1	118.526	0.1					
	11.899	0.1	38.563	0.1	65.226	0.1	91.893
0.1	118.559	0.1					
	11.932	0.1	38.596	0.1	65.260	0.1	91.926
0.1	118.592	0.1					
	11.965	0.1	38.630	0.1	65.293	0.1	91.959
0.1	118.626	0.1					
	11.999	0.1	38.663	0.1	65.326	0.1	91.993
0.1	118.659	0.1					
	12.032	0.1	38.696	0.1	65.360	0.1	92.026
0.1	118.692	0.1					
	12.065	0.1	38.730	0.1	65.393	0.1	92.059
0.1	118.726	0.1					
	12.099	0.1	38.763	0.1	65.426	0.1	92.093
0.1	118.759	0.1					
	12.132	0.1	38.796	0.1	65.460	0.1	92.126
0.1	118.792	0.1					
	12.165	0.1	38.830	0.1	65.493	0.1	92.159
0.1	118.826	0.1					
	12.199	0.1	38.863	0.1	65.526	0.1	92.193
0.1	118.859	0.1					
	12.232	0.1	38.896	0.1	65.560	0.1	92.226
0.1	118.892	0.1					
	12.265	0.1	38.930	0.1	65.593	0.1	92.259
0.1	118.926	0.1					
	12.299	0.1	38.963	0.1	65.626	0.1	92.293
0.1	118.959	0.1					
	12.332	0.1	38.996	0.1	65.660	0.1	92.326
0.1	118.992	0.1					
	12.365	0.1	39.030	0.1	65.693	0.1	92.359
0.1	119.026	0.1					
	12.399	0.1	39.063	0.1	65.726	0.1	92.393
0.1	119.059	0.1					
	12.432	0.1	39.096	0.1	65.760	0.1	92.426
0.1	119.092	0.1					
	12.465	0.1	39.130	0.1	65.793	0.1	92.459
0.1	119.126	0.1					
	12.499	0.1	39.163	0.1	65.826	0.1	92.493
0.1	119.159	0.1					
	12.532	0.1	39.196	0.1	65.860	0.1	92.526
0.1	119.192	0.1					
	12.565	0.1	39.230	0.1	65.893	0.1	92.559
0.1	119.226	0.1					
	12.599	0.1	39.263	0.1	65.926	0.1	92.593
0.1	119.259	0.1					
	12.632	0.1	39.296	0.1	65.960	0.1	92.626
0.1	119.292	0.1					
	12.665	0.1	39.330	0.1	65.993	0.1	92.659
0.1	119.326	0.1					
	12.699	0.1	39.363	0.1	66.026	0.1	92.693
0.1	119.359	0.1					
	12.732	0.1	39.396	0.1	66.060	0.1	92.726

AHYMO.OUT							
0.1	119.392	0.1					
	12.765	0.1	39.430	0.1	66.093	0.1	92.759
0.1	119.426	0.1					
	12.799	0.1	39.463	0.1	66.126	0.1	92.793
0.1	119.459	0.1					
	12.832	0.1	39.496	0.1	66.160	0.1	92.826
0.1	119.492	0.1					
	12.865	0.1	39.530	0.1	66.193	0.1	92.859
0.1	119.526	0.1					
	12.899	0.1	39.563	0.1	66.226	0.1	92.893
0.1	119.559	0.1					
	12.932	0.1	39.596	0.1	66.260	0.1	92.926
0.1	119.592	0.1					
	12.965	0.1	39.630	0.1	66.293	0.1	92.959
0.1	119.626	0.1					
	12.999	0.1	39.663	0.1	66.326	0.1	92.993
0.1	119.659	0.1					
	13.032	0.1	39.696	0.1	66.360	0.1	93.026
0.1	119.692	0.1					
	13.065	0.1	39.730	0.1	66.393	0.1	93.059
0.1	119.726	0.1					
	13.099	0.1	39.763	0.1	66.426	0.1	93.093
0.1	119.759	0.1					
	13.132	0.1	39.796	0.1	66.460	0.1	93.126
0.1	119.792	0.1					
	13.165	0.1	39.830	0.1	66.493	0.1	93.159
0.1	119.826	0.1					
	13.199	0.1	39.863	0.1	66.526	0.1	93.193
0.1	119.859	0.1					
	13.232	0.1	39.896	0.1	66.560	0.1	93.226
0.1	119.892	0.1					
	13.265	0.1	39.930	0.1	66.593	0.1	93.259
0.1	119.926	0.1					
	13.299	0.1	39.963	0.1	66.626	0.1	93.293
0.1	119.959	0.1					
	13.332	0.1	39.996	0.1	66.660	0.1	93.326
0.1	119.992	0.1					
	13.365	0.1	40.030	0.1	66.693	0.1	93.359
0.1	120.026	0.1					
	13.399	0.1	40.063	0.1	66.726	0.1	93.393
0.1	120.059	0.1					
	13.432	0.1	40.096	0.1	66.760	0.1	93.426
0.1	120.092	0.1					
	13.465	0.1	40.130	0.1	66.793	0.1	93.459
0.1	120.126	0.1					
	13.499	0.1	40.163	0.1	66.826	0.1	93.493
0.1	120.159	0.1					
	13.532	0.1	40.196	0.1	66.860	0.1	93.526
0.1	120.192	0.1					
	13.565	0.1	40.229	0.1	66.893	0.1	93.559
0.1	120.226	0.1					
	13.599	0.1	40.263	0.1	66.926	0.1	93.593
0.1	120.259	0.1					
	13.632	0.1	40.296	0.1	66.960	0.1	93.626
0.1	120.292	0.1					
	13.665	0.1	40.329	0.1	66.993	0.1	93.659
0.1	120.326	0.1					

				AHYMO.OUT			
	13.699	0.1	40.363	0.1	67.026	0.1	93.693
0.1	120.359	0.1					
	13.732	0.1	40.396	0.1	67.060	0.1	93.726
0.1	120.392	0.1					
	13.765	0.1	40.429	0.1	67.093	0.1	93.759
0.1	120.426	0.1					
	13.799	0.1	40.463	0.1	67.126	0.1	93.793
0.1	120.459	0.1					
	13.832	0.1	40.496	0.1	67.160	0.1	93.826
0.1	120.492	0.1					
	13.865	0.1	40.529	0.1	67.193	0.1	93.859
0.1	120.526	0.1					
	13.899	0.1	40.563	0.1	67.226	0.1	93.893
0.1	120.559	0.1					
	13.932	0.1	40.596	0.1	67.260	0.1	93.926
0.1	120.592	0.1					
	13.965	0.1	40.629	0.1	67.293	0.1	93.959
0.1	120.626	0.1					
	13.999	0.1	40.663	0.1	67.326	0.1	93.993
0.1	120.659	0.1					
	14.032	0.1	40.696	0.1	67.360	0.1	94.026
0.1	120.692	0.1					
	14.065	0.1	40.729	0.1	67.393	0.1	94.059
0.1	120.726	0.1					
	14.099	0.1	40.763	0.1	67.426	0.1	94.093
0.1	120.759	0.1					
	14.132	0.1	40.796	0.1	67.460	0.1	94.126
0.1	120.792	0.1					
	14.165	0.1	40.829	0.1	67.493	0.1	94.159
0.1	120.826	0.1					
	14.199	0.1	40.863	0.1	67.526	0.1	94.193
0.1	120.859	0.1					
	14.232	0.1	40.896	0.1	67.560	0.1	94.226
0.1	120.892	0.1					
	14.265	0.1	40.929	0.1	67.593	0.1	94.259
0.1	120.926	0.1					
	14.299	0.1	40.963	0.1	67.626	0.1	94.293
0.1	120.959	0.1					
	14.332	0.1	40.996	0.1	67.660	0.1	94.326
0.1	120.992	0.1					
	14.365	0.1	41.029	0.1	67.693	0.1	94.359
0.1	121.026	0.1					
	14.399	0.1	41.063	0.1	67.726	0.1	94.393
0.1	121.059	0.1					
	14.432	0.1	41.096	0.1	67.760	0.1	94.426
0.1	121.092	0.1					
	14.465	0.1	41.129	0.1	67.793	0.1	94.459
0.1	121.126	0.1					
	14.499	0.1	41.163	0.1	67.826	0.1	94.493
0.1	121.159	0.1					
	14.532	0.1	41.196	0.1	67.860	0.1	94.526
0.1	121.192	0.1					
	14.565	0.1	41.229	0.1	67.893	0.1	94.559
0.1	121.226	0.1					
	14.599	0.1	41.263	0.1	67.926	0.1	94.593
0.1	121.259	0.1					
	14.632	0.1	41.296	0.1	67.960	0.1	94.626

AHYMO.OUT							
0.1	121.292	0.1					
	14.665	0.1	41.329	0.1	67.993	0.1	94.659
0.1	121.326	0.1					
	14.699	0.1	41.363	0.1	68.026	0.1	94.693
0.1	121.359	0.1					
	14.732	0.1	41.396	0.1	68.060	0.1	94.726
0.1	121.392	0.1					
	14.765	0.1	41.429	0.1	68.093	0.1	94.759
0.1	121.426	0.1					
	14.799	0.1	41.463	0.1	68.126	0.1	94.793
0.1	121.459	0.1					
	14.832	0.1	41.496	0.1	68.160	0.1	94.826
0.1	121.492	0.1					
	14.865	0.1	41.529	0.1	68.193	0.1	94.859
0.1	121.526	0.1					
	14.898	0.1	41.563	0.1	68.226	0.1	94.893
0.1	121.559	0.1					
	14.932	0.1	41.596	0.1	68.260	0.1	94.926
0.1	121.592	0.1					
	14.965	0.1	41.629	0.1	68.293	0.1	94.959
0.1	121.626	0.1					
	14.998	0.1	41.663	0.1	68.326	0.1	94.993
0.1	121.659	0.1					
	15.032	0.1	41.696	0.1	68.360	0.1	95.026
0.1	121.692	0.1					
	15.065	0.1	41.729	0.1	68.393	0.1	95.059
0.1	121.726	0.1					
	15.098	0.1	41.763	0.1	68.426	0.1	95.093
0.1	121.759	0.1					
	15.132	0.1	41.796	0.1	68.460	0.1	95.126
0.1	121.792	0.1					
	15.165	0.1	41.829	0.1	68.493	0.1	95.159
0.1	121.826	0.1					
	15.198	0.1	41.863	0.1	68.526	0.1	95.193
0.1	121.859	0.1					
	15.232	0.1	41.896	0.1	68.560	0.1	95.226
0.1	121.892	0.1					
	15.265	0.1	41.929	0.1	68.593	0.1	95.259
0.1	121.926	0.1					
	15.298	0.1	41.963	0.1	68.626	0.1	95.293
0.1	121.959	0.1					
	15.332	0.1	41.996	0.1	68.660	0.1	95.326
0.1	121.992	0.1					
	15.365	0.1	42.029	0.1	68.693	0.1	95.359
0.1	122.026	0.1					
	15.398	0.1	42.063	0.1	68.726	0.1	95.393
0.1	122.059	0.1					
	15.432	0.1	42.096	0.1	68.760	0.1	95.426
0.1	122.092	0.1					
	15.465	0.1	42.129	0.1	68.793	0.1	95.459
0.1	122.126	0.1					
	15.498	0.1	42.163	0.1	68.826	0.1	95.493
0.1	122.159	0.1					
	15.532	0.1	42.196	0.1	68.860	0.1	95.526
0.1	122.192	0.1					
	15.565	0.1	42.229	0.1	68.893	0.1	95.559
0.1	122.226	0.1					

				AHYMO.OUT			
	15.598	0.1	42.263	0.1	68.926	0.1	95.593
0.1	122.259	0.1					
	15.632	0.1	42.296	0.1	68.960	0.1	95.626
0.1	122.292	0.1					
	15.665	0.1	42.329	0.1	68.993	0.1	95.659
0.1	122.326	0.1					
	15.698	0.1	42.363	0.1	69.026	0.1	95.693
0.1	122.359	0.1					
	15.732	0.1	42.396	0.1	69.060	0.1	95.726
0.1	122.392	0.1					
	15.765	0.1	42.429	0.1	69.093	0.1	95.759
0.1	122.426	0.1					
	15.798	0.1	42.463	0.1	69.126	0.1	95.793
0.1	122.459	0.1					
	15.832	0.1	42.496	0.1	69.160	0.1	95.826
0.1	122.492	0.1					
	15.865	0.1	42.529	0.1	69.193	0.1	95.859
0.1	122.526	0.1					
	15.898	0.1	42.563	0.1	69.226	0.1	95.893
0.1	122.559	0.1					
	15.932	0.1	42.596	0.1	69.260	0.1	95.926
0.1	122.592	0.1					
	15.965	0.1	42.629	0.1	69.293	0.1	95.959
0.1	122.626	0.1					
	15.998	0.1	42.663	0.1	69.326	0.1	95.993
0.1	122.659	0.1					
	16.032	0.1	42.696	0.1	69.360	0.1	96.026
0.1	122.692	0.1					
	16.065	0.1	42.729	0.1	69.393	0.1	96.059
0.1	122.726	0.1					
	16.098	0.1	42.762	0.1	69.426	0.1	96.093
0.1	122.759	0.1					
	16.132	0.1	42.796	0.1	69.460	0.1	96.126
0.1	122.792	0.1					
	16.165	0.1	42.829	0.1	69.493	0.1	96.159
0.1	122.826	0.1					
	16.198	0.1	42.862	0.1	69.526	0.1	96.193
0.1	122.859	0.1					
	16.232	0.1	42.896	0.1	69.560	0.1	96.226
0.1	122.892	0.1					
	16.265	0.1	42.929	0.1	69.593	0.1	96.259
0.1	122.926	0.1					
	16.298	0.1	42.962	0.1	69.626	0.1	96.293
0.1	122.959	0.1					
	16.332	0.1	42.996	0.1	69.660	0.1	96.326
0.1	122.992	0.1					
	16.365	0.1	43.029	0.1	69.693	0.1	96.359
0.1	123.026	0.1					
	16.398	0.1	43.062	0.1	69.726	0.1	96.393
0.1	123.059	0.1					
	16.432	0.1	43.096	0.1	69.760	0.1	96.426
0.1	123.092	0.1					
	16.465	0.1	43.129	0.1	69.793	0.1	96.459
0.1	123.126	0.1					
	16.498	0.1	43.162	0.1	69.826	0.1	96.493
0.1	123.159	0.1					
	16.532	0.1	43.196	0.1	69.860	0.1	96.526

AHYMO.OUT							
0.1	123.192	0.1					
	16.565	0.1	43.229	0.1	69.893	0.1	96.559
0.1	123.226	0.1					
	16.598	0.1	43.262	0.1	69.926	0.1	96.593
0.1	123.259	0.1					
	16.632	0.1	43.296	0.1	69.960	0.1	96.626
0.1	123.292	0.1					
	16.665	0.1	43.329	0.1	69.993	0.1	96.659
0.1	123.326	0.1					
	16.698	0.1	43.362	0.1	70.026	0.1	96.693
0.1	123.359	0.1					
	16.732	0.1	43.396	0.1	70.060	0.1	96.726
0.1	123.392	0.1					
	16.765	0.1	43.429	0.1	70.093	0.1	96.759
0.1	123.425	0.1					
	16.798	0.1	43.462	0.1	70.126	0.1	96.793
0.1	123.459	0.1					
	16.832	0.1	43.496	0.1	70.160	0.1	96.826
0.1	123.492	0.1					
	16.865	0.1	43.529	0.1	70.193	0.1	96.859
0.1	123.525	0.1					
	16.898	0.1	43.562	0.1	70.226	0.1	96.893
0.1	123.559	0.1					
	16.932	0.1	43.596	0.1	70.260	0.1	96.926
0.1	123.592	0.1					
	16.965	0.1	43.629	0.1	70.293	0.1	96.959
0.1	123.625	0.1					
	16.998	0.1	43.662	0.1	70.326	0.1	96.993
0.1	123.659	0.1					
	17.032	0.1	43.696	0.1	70.360	0.1	97.026
0.1	123.692	0.1					
	17.065	0.1	43.729	0.1	70.393	0.1	97.059
0.1	123.725	0.1					
	17.098	0.1	43.762	0.1	70.426	0.1	97.093
0.1	123.759	0.1					
	17.132	0.1	43.796	0.1	70.460	0.1	97.126
0.1	123.792	0.1					
	17.165	0.1	43.829	0.1	70.493	0.1	97.159
0.1	123.825	0.1					
	17.198	0.1	43.862	0.1	70.526	0.1	97.193
0.1	123.859	0.1					
	17.232	0.1	43.896	0.1	70.560	0.1	97.226
0.1	123.892	0.1					
	17.265	0.1	43.929	0.1	70.593	0.1	97.259
0.1	123.925	0.1					
	17.298	0.1	43.962	0.1	70.626	0.1	97.293
0.1	123.959	0.1					
	17.332	0.1	43.996	0.1	70.660	0.1	97.326
0.1	123.992	0.1					
	17.365	0.1	44.029	0.1	70.693	0.1	97.359
0.1	124.025	0.1					
	17.398	0.1	44.062	0.1	70.726	0.1	97.393
0.1	124.059	0.1					
	17.432	0.1	44.096	0.1	70.760	0.1	97.426
0.1	124.092	0.1					
	17.465	0.1	44.129	0.1	70.793	0.1	97.459
0.1	124.125	0.1					

				AHYMO.OUT			
	17.498	0.1	44.162	0.1	70.826	0.1	97.493
0.1	124.159	0.1					
	17.532	0.1	44.196	0.1	70.860	0.1	97.526
0.1	124.192	0.1					
	17.565	0.1	44.229	0.1	70.893	0.1	97.559
0.1	124.225	0.1					
	17.598	0.1	44.262	0.1	70.926	0.1	97.593
0.1	124.259	0.1					
	17.632	0.1	44.296	0.1	70.960	0.1	97.626
0.1	124.292	0.1					
	17.665	0.1	44.329	0.1	70.993	0.1	97.659
0.1	124.325	0.1					
	17.698	0.1	44.362	0.1	71.026	0.1	97.693
0.1	124.359	0.1					
	17.732	0.1	44.396	0.1	71.060	0.1	97.726
0.1	124.392	0.1					
	17.765	0.1	44.429	0.1	71.093	0.1	97.759
0.1	124.425	0.1					
	17.798	0.1	44.462	0.1	71.126	0.1	97.793
0.1	124.459	0.1					
	17.832	0.1	44.496	0.1	71.160	0.1	97.826
0.1	124.492	0.1					
	17.865	0.1	44.529	0.1	71.193	0.1	97.859
0.1	124.525	0.1					
	17.898	0.1	44.562	0.1	71.226	0.1	97.893
0.1	124.559	0.1					
	17.932	0.1	44.596	0.1	71.260	0.1	97.926
0.1	124.592	0.1					
	17.965	0.1	44.629	0.1	71.293	0.1	97.959
0.1	124.625	0.1					
	17.998	0.1	44.662	0.1	71.326	0.1	97.993
0.1	124.659	0.1					
	18.032	0.1	44.696	0.1	71.360	0.1	98.026
0.1	124.692	0.1					
	18.065	0.1	44.729	0.1	71.393	0.1	98.059
0.1	124.725	0.1					
	18.098	0.1	44.762	0.1	71.426	0.1	98.093
0.1	124.759	0.1					
	18.132	0.1	44.796	0.1	71.460	0.1	98.126
0.1	124.792	0.1					
	18.165	0.1	44.829	0.1	71.493	0.1	98.159
0.1	124.825	0.1					
	18.198	0.1	44.862	0.1	71.526	0.1	98.193
0.1	124.859	0.1					
	18.232	0.1	44.896	0.1	71.560	0.1	98.226
0.1	124.892	0.1					
	18.265	0.1	44.929	0.1	71.593	0.1	98.259
0.1	124.925	0.1					
	18.298	0.1	44.962	0.1	71.626	0.1	98.293
0.1	124.959	0.1					
	18.332	0.1	44.996	0.1	71.660	0.1	98.326
0.1	124.992	0.1					
	18.365	0.1	45.029	0.1	71.693	0.1	98.359
0.1	125.025	0.1					
	18.398	0.1	45.062	0.1	71.726	0.1	98.393
0.1	125.059	0.1					
	18.432	0.1	45.096	0.1	71.760	0.1	98.426

AHYMO.OUT							
0.1	125.092	0.1					
	18.465	0.1	45.129	0.1	71.793	0.1	98.459
0.1	125.125	0.1					
	18.498	0.1	45.162	0.1	71.826	0.1	98.493
0.1	125.159	0.1					
	18.532	0.1	45.196	0.1	71.860	0.1	98.526
0.1	125.192	0.1					
	18.565	0.1	45.229	0.1	71.893	0.1	98.559
0.1	125.225	0.1					
	18.598	0.1	45.262	0.1	71.926	0.1	98.593
0.1	125.259	0.1					
	18.632	0.1	45.296	0.1	71.960	0.1	98.626
0.1	125.292	0.1					
	18.665	0.1	45.329	0.1	71.993	0.1	98.659
0.1	125.325	0.1					
	18.698	0.1	45.362	0.1	72.026	0.1	98.693
0.1	125.359	0.1					
	18.732	0.1	45.395	0.1	72.060	0.1	98.726
0.1	125.392	0.1					
	18.765	0.1	45.429	0.1	72.093	0.1	98.759
0.1	125.425	0.1					
	18.798	0.1	45.462	0.1	72.126	0.1	98.793
0.1	125.459	0.1					
	18.832	0.1	45.495	0.1	72.160	0.1	98.826
0.1	125.492	0.1					
	18.865	0.1	45.529	0.1	72.193	0.1	98.859
0.1	125.525	0.1					
	18.898	0.1	45.562	0.1	72.226	0.1	98.893
0.1	125.559	0.1					
	18.932	0.1	45.595	0.1	72.260	0.1	98.926
0.1	125.592	0.1					
	18.965	0.1	45.629	0.1	72.293	0.1	98.959
0.1	125.625	0.1					
	18.998	0.1	45.662	0.1	72.326	0.1	98.993
0.1	125.659	0.1					
	19.031	0.1	45.695	0.1	72.360	0.1	99.026
0.1	125.692	0.1					
	19.065	0.1	45.729	0.1	72.393	0.1	99.059
0.1	125.725	0.1					
	19.098	0.1	45.762	0.1	72.426	0.1	99.093
0.1	125.759	0.1					
	19.131	0.1	45.795	0.1	72.460	0.1	99.126
0.1	125.792	0.1					
	19.165	0.1	45.829	0.1	72.493	0.1	99.159
0.1	125.825	0.1					
	19.198	0.1	45.862	0.1	72.526	0.1	99.193
0.1	125.859	0.1					
	19.231	0.1	45.895	0.1	72.560	0.1	99.226
0.1	125.892	0.1					
	19.265	0.1	45.929	0.1	72.593	0.1	99.259
0.1	125.925	0.1					
	19.298	0.1	45.962	0.1	72.626	0.1	99.293
0.1	125.959	0.1					
	19.331	0.1	45.995	0.1	72.660	0.1	99.326
0.1	125.992	0.1					
	19.365	0.1	46.029	0.1	72.693	0.1	99.359
0.1	126.025	0.1					

				AHYMO.OUT			
	19.398	0.1	46.062	0.1	72.726	0.1	99.393
0.1	126.059	0.1					
	19.431	0.1	46.095	0.1	72.760	0.1	99.426
0.1	126.092	0.1					
	19.465	0.1	46.129	0.1	72.793	0.1	99.459
0.1	126.125	0.1					
	19.498	0.1	46.162	0.1	72.826	0.1	99.493
0.1	126.159	0.1					
	19.531	0.1	46.195	0.1	72.860	0.1	99.526
0.1	126.192	0.1					
	19.565	0.1	46.229	0.1	72.893	0.1	99.559
0.1	126.225	0.1					
	19.598	0.1	46.262	0.1	72.926	0.1	99.593
0.1	126.259	0.1					
	19.631	0.1	46.295	0.1	72.960	0.1	99.626
0.1	126.292	0.1					
	19.665	0.1	46.329	0.1	72.993	0.1	99.659
0.1	126.325	0.1					
	19.698	0.1	46.362	0.1	73.026	0.1	99.693
0.1	126.359	0.1					
	19.731	0.1	46.395	0.1	73.060	0.1	99.726
0.1	126.392	0.1					
	19.765	0.1	46.429	0.1	73.093	0.1	99.759
0.1	126.425	0.1					
	19.798	0.1	46.462	0.1	73.126	0.1	99.793
0.1	126.459	0.1					
	19.831	0.1	46.495	0.1	73.160	0.1	99.826
0.1	126.492	0.1					
	19.865	0.1	46.529	0.1	73.193	0.1	99.859
0.1	126.525	0.1					
	19.898	0.1	46.562	0.1	73.226	0.1	99.893
0.1	126.559	0.1					
	19.931	0.1	46.595	0.1	73.260	0.1	99.926
0.1	126.592	0.1					
	19.965	0.1	46.629	0.1	73.293	0.1	99.959
0.1	126.625	0.1					
	19.998	0.1	46.662	0.1	73.326	0.1	99.993
0.1	126.659	0.1					
	20.031	0.1	46.695	0.1	73.360	0.1	100.026
0.1	126.692	0.1					
	20.065	0.1	46.729	0.1	73.393	0.1	100.059
0.1	126.725	0.1					
	20.098	0.1	46.762	0.1	73.426	0.1	100.093
0.1	126.759	0.1					
	20.131	0.1	46.795	0.1	73.460	0.1	100.126
0.1	126.792	0.1					
	20.165	0.1	46.829	0.1	73.493	0.1	100.159
0.1	126.825	0.1					
	20.198	0.1	46.862	0.1	73.526	0.1	100.193
0.1	126.859	0.1					
	20.231	0.1	46.895	0.1	73.560	0.1	100.226
0.1	126.892	0.1					
	20.265	0.1	46.929	0.1	73.593	0.1	100.259
0.1	126.925	0.1					
	20.298	0.1	46.962	0.1	73.626	0.1	100.293
0.1	126.959	0.1					
	20.331	0.1	46.995	0.1	73.660	0.1	100.326

AHYMO.OUT							
0.1	126.992	0.1					
	20.365	0.1	47.029	0.1	73.693	0.1	100.359
0.1	127.025	0.1					
	20.398	0.1	47.062	0.1	73.726	0.1	100.393
0.1	127.059	0.1					
	20.431	0.1	47.095	0.1	73.760	0.1	100.426
0.1	127.092	0.1					
	20.465	0.1	47.129	0.1	73.793	0.1	100.459
0.1	127.125	0.1					
	20.498	0.1	47.162	0.1	73.826	0.1	100.493
0.1	127.159	0.1					
	20.531	0.1	47.195	0.1	73.860	0.1	100.526
0.1	127.192	0.1					
	20.565	0.1	47.229	0.1	73.893	0.1	100.559
0.1	127.225	0.1					
	20.598	0.1	47.262	0.1	73.926	0.1	100.593
0.1	127.259	0.1					
	20.631	0.1	47.295	0.1	73.960	0.1	100.626
0.1	127.292	0.1					
	20.665	0.1	47.329	0.1	73.993	0.1	100.659
0.1	127.325	0.1					
	20.698	0.1	47.362	0.1	74.026	0.1	100.693
0.1	127.359	0.1					
	20.731	0.1	47.395	0.1	74.060	0.1	100.726
0.1	127.392	0.1					
	20.765	0.1	47.429	0.1	74.093	0.1	100.759
0.1	127.425	0.1					
	20.798	0.1	47.462	0.1	74.126	0.1	100.793
0.1	127.459	0.1					
	20.831	0.1	47.495	0.1	74.160	0.1	100.826
0.1	127.492	0.1					
	20.865	0.1	47.529	0.1	74.193	0.1	100.859
0.1	127.525	0.1					
	20.898	0.1	47.562	0.1	74.226	0.1	100.893
0.1	127.559	0.1					
	20.931	0.1	47.595	0.1	74.260	0.1	100.926
0.1	127.592	0.1					
	20.965	0.1	47.629	0.1	74.293	0.1	100.959
0.1	127.625	0.1					
	20.998	0.1	47.662	0.1	74.326	0.1	100.993
0.1	127.659	0.1					
	21.031	0.1	47.695	0.1	74.360	0.1	101.026
0.1	127.692	0.1					
	21.065	0.1	47.729	0.1	74.393	0.1	101.059
0.1	127.725	0.1					
	21.098	0.1	47.762	0.1	74.426	0.1	101.093
0.1	127.759	0.1					
	21.131	0.1	47.795	0.1	74.460	0.1	101.126
0.1	127.792	0.1					
	21.165	0.1	47.829	0.1	74.493	0.1	101.159
0.1	127.825	0.1					
	21.198	0.1	47.862	0.1	74.526	0.1	101.193
0.1	127.859	0.1					
	21.231	0.1	47.895	0.1	74.560	0.1	101.226
0.1	127.892	0.1					
	21.265	0.1	47.928	0.1	74.593	0.1	101.259
0.1	127.925	0.1					

				AHYMO.OUT			
	21.298	0.1	47.962	0.1	74.626	0.1	101.293
0.1	127.959	0.1					
	21.331	0.1	47.995	0.1	74.660	0.1	101.326
0.1	127.992	0.1					
	21.365	0.1	48.028	0.1	74.693	0.1	101.359
0.1	128.025	0.1					
	21.398	0.1	48.062	0.1	74.726	0.1	101.393
0.1	128.059	0.1					
	21.431	0.1	48.095	0.1	74.760	0.1	101.426
0.1	128.092	0.1					
	21.465	0.1	48.128	0.1	74.793	0.1	101.459
0.1	128.125	0.1					
	21.498	0.1	48.162	0.1	74.826	0.1	101.493
0.1	128.159	0.1					
	21.531	0.1	48.195	0.1	74.860	0.1	101.526
0.1	128.192	0.1					
	21.565	0.1	48.228	0.1	74.893	0.1	101.559
0.1	128.225	0.1					
	21.598	0.1	48.262	0.1	74.926	0.1	101.592
0.1	128.259	0.1					
	21.631	0.1	48.295	0.1	74.960	0.1	101.626
0.1	128.292	0.1					
	21.665	0.1	48.328	0.1	74.993	0.1	101.659
0.1	128.325	0.1					
	21.698	0.1	48.362	0.1	75.026	0.1	101.692
0.1	128.359	0.1					
	21.731	0.1	48.395	0.1	75.060	0.1	101.726
0.1	128.392	0.1					
	21.765	0.1	48.428	0.1	75.093	0.1	101.759
0.1	128.425	0.1					
	21.798	0.1	48.462	0.1	75.126	0.1	101.792
0.1	128.459	0.1					
	21.831	0.1	48.495	0.1	75.160	0.1	101.826
0.1	128.492	0.1					
	21.865	0.1	48.528	0.1	75.193	0.1	101.859
0.1	128.525	0.1					
	21.898	0.1	48.562	0.1	75.226	0.1	101.892
0.1	128.559	0.1					
	21.931	0.1	48.595	0.1	75.260	0.1	101.926
0.1	128.592	0.1					
	21.965	0.1	48.628	0.1	75.293	0.1	101.959
0.1	128.625	0.1					
	21.998	0.1	48.662	0.1	75.326	0.1	101.992
0.1	128.659	0.1					
	22.031	0.1	48.695	0.1	75.360	0.1	102.026
0.1	128.692	0.1					
	22.065	0.1	48.728	0.1	75.393	0.1	102.059
0.1	128.725	0.1					
	22.098	0.1	48.762	0.1	75.426	0.1	102.092
0.1	128.759	0.1					
	22.131	0.1	48.795	0.1	75.460	0.1	102.126
0.1	128.792	0.1					
	22.165	0.1	48.828	0.1	75.493	0.1	102.159
0.1	128.825	0.1					
	22.198	0.1	48.862	0.1	75.526	0.1	102.192
0.1	128.859	0.1					
	22.231	0.1	48.895	0.1	75.560	0.1	102.226

AHYMO.OUT							
0.1	128.892	0.1					
	22.265	0.1	48.928	0.1	75.593	0.1	102.259
0.1	128.925	0.1					
	22.298	0.1	48.962	0.1	75.626	0.1	102.292
0.1	128.959	0.1					
	22.331	0.1	48.995	0.1	75.660	0.1	102.326
0.1	128.992	0.1					
	22.365	0.1	49.028	0.1	75.693	0.1	102.359
0.1	129.025	0.1					
	22.398	0.1	49.062	0.1	75.726	0.1	102.392
0.1	129.059	0.1					
	22.431	0.1	49.095	0.1	75.760	0.1	102.426
0.1	129.092	0.1					
	22.465	0.1	49.128	0.1	75.793	0.1	102.459
0.1	129.125	0.1					
	22.498	0.1	49.162	0.1	75.826	0.1	102.492
0.1	129.158	0.1					
	22.531	0.1	49.195	0.1	75.860	0.1	102.526
0.1	129.192	0.1					
	22.565	0.1	49.228	0.1	75.893	0.1	102.559
0.1	129.225	0.1					
	22.598	0.1	49.262	0.1	75.926	0.1	102.592
0.1	129.258	0.1					
	22.631	0.1	49.295	0.1	75.960	0.1	102.626
0.1	129.292	0.1					
	22.665	0.1	49.328	0.1	75.993	0.1	102.659
0.1	129.325	0.1					
	22.698	0.1	49.362	0.1	76.026	0.1	102.692
0.1	129.358	0.1					
	22.731	0.1	49.395	0.1	76.060	0.1	102.726
0.1	129.392	0.1					
	22.765	0.1	49.428	0.1	76.093	0.1	102.759
0.1	129.425	0.1					
	22.798	0.1	49.462	0.1	76.126	0.1	102.792
0.1	129.458	0.1					
	22.831	0.1	49.495	0.1	76.160	0.1	102.826
0.1	129.492	0.1					
	22.865	0.1	49.528	0.1	76.193	0.1	102.859
0.1	129.525	0.1					
	22.898	0.1	49.562	0.1	76.226	0.1	102.892
0.1	129.558	0.1					
	22.931	0.1	49.595	0.1	76.260	0.1	102.926
0.1	129.592	0.1					
	22.965	0.1	49.628	0.1	76.293	0.1	102.959
0.1	129.625	0.1					
	22.998	0.1	49.662	0.1	76.326	0.1	102.992
0.1	129.658	0.1					
	23.031	0.1	49.695	0.1	76.360	0.1	103.026
0.1	129.692	0.1					
	23.065	0.1	49.728	0.1	76.393	0.1	103.059
0.1	129.725	0.1					
	23.098	0.1	49.762	0.1	76.426	0.1	103.092
0.1	129.758	0.1					
	23.131	0.1	49.795	0.1	76.460	0.1	103.126
0.1	129.792	0.1					
	23.165	0.1	49.828	0.1	76.493	0.1	103.159
0.1	129.825	0.1					

				AHYMO.OUT			
	23.198	0.1	49.862	0.1	76.526	0.1	103.192
0.1	129.858	0.1					
	23.231	0.1	49.895	0.1	76.560	0.1	103.226
0.1	129.892	0.1					
	23.265	0.1	49.928	0.1	76.593	0.1	103.259
0.1	129.925	0.1					
	23.298	0.1	49.962	0.1	76.626	0.1	103.292
0.1	129.958	0.1					
	23.331	0.1	49.995	0.1	76.660	0.1	103.326
0.1	129.992	0.1					
	23.365	0.1	50.028	0.1	76.693	0.1	103.359
0.1	130.025	0.1					
	23.398	0.1	50.062	0.1	76.726	0.1	103.392
0.1	130.058	0.1					
	23.431	0.1	50.095	0.1	76.760	0.1	103.426
0.1	130.092	0.1					
	23.465	0.1	50.128	0.1	76.793	0.1	103.459
0.1	130.125	0.1					
	23.498	0.1	50.162	0.1	76.826	0.1	103.492
0.1	130.158	0.1					
	23.531	0.1	50.195	0.1	76.860	0.1	103.526
0.1	130.192	0.1					
	23.565	0.1	50.228	0.1	76.893	0.1	103.559
0.1	130.225	0.1					
	23.598	0.1	50.262	0.1	76.926	0.1	103.592
0.1	130.258	0.1					
	23.631	0.1	50.295	0.1	76.960	0.1	103.626
0.1	130.292	0.1					
	23.664	0.1	50.328	0.1	76.993	0.1	103.659
0.1	130.325	0.1					
	23.698	0.1	50.362	0.1	77.026	0.1	103.692
0.1	130.358	0.1					
	23.731	0.1	50.395	0.1	77.060	0.1	103.726
0.1	130.392	0.1					
	23.764	0.1	50.428	0.1	77.093	0.1	103.759
0.1	130.425	0.1					
	23.798	0.1	50.461	0.1	77.126	0.1	103.792
0.1	130.458	0.1					
	23.831	0.1	50.495	0.1	77.160	0.1	103.826
0.1	130.491	0.1					
	23.864	0.1	50.528	0.1	77.193	0.1	103.859
0.1	130.525	0.1					
	23.898	0.1	50.561	0.1	77.226	0.1	103.892
0.1	130.558	0.1					
	23.931	0.1	50.595	0.1	77.260	0.1	103.926
0.1	130.591	0.1					
	23.964	0.1	50.628	0.1	77.293	0.1	103.959
0.1	130.625	0.1					
	23.998	0.1	50.661	0.1	77.326	0.1	103.992
0.1	130.658	0.1					
	24.031	0.1	50.695	0.1	77.360	0.1	104.026
0.1	130.691	0.1					
	24.064	0.1	50.728	0.1	77.393	0.1	104.059
0.1	130.725	0.1					
	24.098	0.1	50.761	0.1	77.426	0.1	104.092
0.1	130.758	0.1					
	24.131	0.1	50.795	0.1	77.460	0.1	104.126

AHYMO.OUT							
0.1	130.791	0.1					
	24.164	0.1	50.828	0.1	77.493	0.1	104.159
0.1	130.825	0.1					
	24.198	0.1	50.861	0.1	77.526	0.1	104.192
0.1	130.858	0.1					
	24.231	0.1	50.895	0.1	77.560	0.1	104.226
0.1	130.891	0.1					
	24.264	0.1	50.928	0.1	77.593	0.1	104.259
0.1	130.925	0.1					
	24.298	0.1	50.961	0.1	77.626	0.1	104.292
0.1	130.958	0.1					
	24.331	0.1	50.995	0.1	77.660	0.1	104.326
0.1	130.991	0.1					
	24.364	0.1	51.028	0.1	77.693	0.1	104.359
0.1	131.025	0.1					
	24.398	0.1	51.061	0.1	77.726	0.1	104.392
0.1	131.058	0.1					
	24.431	0.1	51.095	0.1	77.760	0.1	104.426
0.1	131.091	0.1					
	24.464	0.1	51.128	0.1	77.793	0.1	104.459
0.1	131.125	0.1					
	24.498	0.1	51.161	0.1	77.826	0.1	104.492
0.1	131.158	0.1					
	24.531	0.1	51.195	0.1	77.860	0.1	104.526
0.1	131.191	0.1					
	24.564	0.1	51.228	0.1	77.893	0.1	104.559
0.1	131.225	0.1					
	24.598	0.1	51.261	0.1	77.926	0.1	104.592
0.1	131.258	0.1					
	24.631	0.1	51.295	0.1	77.960	0.1	104.626
0.1	131.291	0.1					
	24.664	0.1	51.328	0.1	77.993	0.1	104.659
0.1	131.325	0.1					
	24.698	0.1	51.361	0.1	78.026	0.1	104.692
0.1	131.358	0.1					
	24.731	0.1	51.395	0.1	78.060	0.1	104.726
0.1	131.391	0.1					
	24.764	0.1	51.428	0.1	78.093	0.1	104.759
0.1	131.425	0.1					
	24.798	0.1	51.461	0.1	78.126	0.1	104.792
0.1	131.458	0.1					
	24.831	0.1	51.495	0.1	78.160	0.1	104.826
0.1	131.491	0.1					
	24.864	0.1	51.528	0.1	78.193	0.1	104.859
0.1	131.525	0.1					
	24.898	0.1	51.561	0.1	78.226	0.1	104.892
0.1	131.558	0.1					
	24.931	0.1	51.595	0.1	78.260	0.1	104.926
0.1	131.591	0.1					
	24.964	0.1	51.628	0.1	78.293	0.1	104.959
0.1	131.625	0.1					
	24.998	0.1	51.661	0.1	78.326	0.1	104.992
0.1	131.658	0.1					
	25.031	0.1	51.695	0.1	78.360	0.1	105.026
0.1	131.691	0.1					
	25.064	0.1	51.728	0.1	78.393	0.1	105.059
0.1	131.725	0.1					

				AHYMO.OUT			
	25.098	0.1	51.761	0.1	78.426	0.1	105.092
0.1	131.758	0.1					
	25.131	0.1	51.795	0.1	78.460	0.1	105.126
0.1	131.791	0.1					
	25.164	0.1	51.828	0.1	78.493	0.1	105.159
0.1	131.824	0.1					
	25.198	0.1	51.861	0.1	78.526	0.1	105.192
0.1	131.858	0.1					
	25.231	0.1	51.895	0.1	78.560	0.1	105.226
0.1	131.891	0.1					
	25.264	0.1	51.928	0.1	78.593	0.1	105.259
0.1	131.924	0.1					
	25.298	0.1	51.961	0.1	78.626	0.1	105.292
0.1	131.958	0.1					
	25.331	0.1	51.995	0.1	78.660	0.1	105.326
0.1	131.991	0.1					
	25.364	0.1	52.028	0.1	78.693	0.1	105.359
0.1	132.024	0.1					
	25.398	0.1	52.061	0.1	78.726	0.1	105.392
0.1	132.058	0.1					
	25.431	0.1	52.095	0.1	78.760	0.1	105.426
0.1	132.091	0.1					
	25.464	0.1	52.128	0.1	78.793	0.1	105.459
0.1	132.124	0.1					
	25.498	0.1	52.161	0.1	78.826	0.1	105.492
0.1	132.158	0.1					
	25.531	0.1	52.195	0.1	78.860	0.1	105.526
0.1	132.191	0.1					
	25.564	0.1	52.228	0.1	78.893	0.1	105.559
0.1	132.224	0.1					
	25.598	0.1	52.261	0.1	78.926	0.1	105.592
0.1	132.258	0.1					
	25.631	0.1	52.295	0.1	78.960	0.1	105.626
0.1	132.291	0.1					
	25.664	0.1	52.328	0.1	78.993	0.1	105.659
0.1	132.324	0.1					
	25.698	0.1	52.361	0.1	79.026	0.1	105.692
0.1	132.358	0.1					
	25.731	0.1	52.395	0.1	79.060	0.1	105.726
0.1	132.391	0.1					
	25.764	0.1	52.428	0.1	79.093	0.1	105.759
0.1	132.424	0.1					
	25.798	0.1	52.461	0.1	79.126	0.1	105.792
0.1	132.458	0.1					
	25.831	0.1	52.495	0.1	79.160	0.1	105.826
0.1	132.491	0.1					
	25.864	0.1	52.528	0.1	79.193	0.1	105.859
0.1	132.524	0.1					
	25.898	0.1	52.561	0.1	79.226	0.1	105.892
0.1	132.558	0.1					
	25.931	0.1	52.595	0.1	79.260	0.1	105.926
0.1	132.591	0.1					
	25.964	0.1	52.628	0.1	79.293	0.1	105.959
0.1	132.624	0.1					
	25.998	0.1	52.661	0.1	79.326	0.1	105.992
0.1	132.658	0.1					
	26.031	0.1	52.695	0.1	79.360	0.1	106.026

AHYMO.OUT

0.1	132.691	0.1					
	26.064	0.1	52.728	0.1	79.393	0.1	106.059
0.1	132.724	0.1					
	26.098	0.1	52.761	0.1	79.426	0.1	106.092
0.1	132.758	0.1					
	26.131	0.1	52.795	0.1	79.460	0.1	106.126
0.1	132.791	0.1					
	26.164	0.1	52.828	0.1	79.493	0.1	106.159
0.1	132.824	0.1					
	26.198	0.1	52.861	0.1	79.526	0.1	106.192
0.1	132.858	0.1					
	26.231	0.1	52.895	0.1	79.560	0.1	106.226
0.1	132.891	0.1					
	26.264	0.1	52.928	0.1	79.593	0.1	106.259
0.1	132.924	0.1					
	26.298	0.1	52.961	0.1	79.626	0.1	106.292
0.1	132.958	0.1					
	26.331	0.1	52.995	0.1	79.660	0.1	106.326
0.1	132.991	0.1					
	26.364	0.1	53.028	0.1	79.693	0.1	106.359
0.1	133.024	0.1					
	26.398	0.1	53.061	0.1	79.726	0.1	106.392
0.1	133.058	0.1					
	26.431	0.1	53.094	0.1	79.759	0.1	106.426
0.1	133.091	0.1					
	26.464	0.1	53.128	0.1	79.793	0.1	106.459
0.1	133.124	0.1					
	26.498	0.1	53.161	0.1	79.826	0.1	106.492
0.1	133.158	0.1					
	26.531	0.1	53.194	0.1	79.859	0.1	106.526
0.1	133.191	0.1					
	26.564	0.1	53.228	0.1	79.893	0.1	106.559
0.1	133.224	0.1					
	26.598	0.1	53.261	0.1	79.926	0.1	106.592
0.1	133.257	0.1					
	26.631	0.1	53.294	0.1	79.959	0.1	106.626
0.1	133.291	0.1					

RUNOFF VOLUME = 0.96854 INCHES = 5.4541 ACRE-FEET
 PEAK DISCHARGE RATE = 105.76 CFS AT 1.667 HOURS BASIN AREA = 0.1056 SQ. MI.

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 09:52:49

␣(s10H



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: _____ **Building Permit #:** _____ **City Drainage #:** _____
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: _____
City Address: _____

Engineering Firm: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Architect: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: _____ **Contact:** _____
Address: _____
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Check all that Apply:

DEPARTMENT:

____ HYDROLOGY/ DRAINAGE
 ____ TRAFFIC/ TRANSPORTATION
 ____ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

____ ENGINEER/ ARCHITECT CERTIFICATION
 ____ CONCEPTUAL G & D PLAN
 ____ GRADING PLAN
 ____ DRAINAGE MASTER PLAN
 ____ DRAINAGE REPORT
 ____ CLOMR/LOMR
 ____ TRAFFIC CIRCULATION LAYOUT (TCL)
 ____ TRAFFIC IMPACT STUDY (TIS)
 ____ EROSION & SEDIMENT CONTROL PLAN (ESC)
 ____ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ____ Yes ____ No

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

____ BUILDING PERMIT APPROVAL
 ____ CERTIFICATE OF OCCUPANCY
 ____ PRELIMINARY PLAT APPROVAL
 ____ SITE PLAN FOR SUB'D APPROVAL
 ____ SITE PLAN FOR BLDG. PERMIT APPROVAL
 ____ FINAL PLAT APPROVAL
 ____ SIA/ RELEASE OF FINANCIAL GUARANTEE
 ____ FOUNDATION PERMIT APPROVAL
 ____ GRADING PERMIT APPROVAL
 ____ SO-19 APPROVAL
 ____ PAVING PERMIT APPROVAL
 ____ GRADING/ PAD CERTIFICATION
 ____ WORK ORDER APPROVAL
 ____ CLOMR/LOMR
 ____ PRE-DESIGN MEETING
 ____ OTHER (SPECIFY) _____

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: ____

APS NW CORRIDOR AHYMO FILES

11/11/16

Prepared by:

High Mesa Consulting Group

HMCG#2014.184.4

Drainage File: J08D003

PHASE 1

CONDITION

```

*2345678901234567890
*
* 100 year, 24 hour storm
*
* Phase 1 Buildout
*
* HMCJ JOB NUMBER 2014.184.4
* APS NORTHWEST EDUCATION CORRIDOR
*
*
START          TIME = 0.0 HR PUNCH CODE = 0 PRINT LINES = -1
*
* RAINFALL DATA FROM NOAA Atlas 14, Volume 1, Version 5
*
RAINFALL      TYPE = 1 RAIN QUARTER = 0.0
              RAIN ONE = 1.80 IN RAIN SIX = 2.31 IN
              RAIN DAY = 2.62 IN DT = 0.03333
*
* COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF PHASE 1 CONDITION(ON-SITE)
*
* BASIN L9.2A-1
*
COMPUTE NM HYD ID = 1 HYD NO = L9.2A_1 AREA = 0.03288 SQ MI
              PER A = 0.00 PER B = 12.95 PER C = 12.95 PER D = 74.1
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD     ID = 1 CODE = 1
*
* BASIN L9.2A-2
*
COMPUTE NM HYD ID = 2 HYD NO = L9.2A_2 AREA = 0.02071 SQ MI
              PER A = 0.00 PER B = 45.63 PER C = 31.58 PER D = 22.79
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD     ID = 2 CODE = 1
*
* BASIN L9.2A-3
*
COMPUTE NM HYD ID = 3 HYD NO = L9.2A_3 AREA = 0.00329 SQ MI
              PER A = 0.00 PER B = 80.00 PER C = 20.00 PER D = 00.00
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD     ID = 3 CODE = 1
*
* BASIN L9.2A-4
*
COMPUTE NM HYD ID = 4 HYD NO = L9.2A_4 AREA = 0.00388 SQ MI
              PER A = 0.00 PER B = 50.00 PER C = 50.00 PER D = 00.00
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD     ID = 4 CODE = 1
*
* BASIN L9.2A-5
*
COMPUTE NM HYD ID = 5 HYD NO = L9.2A_5 AREA = 0.01090 SQ MI
              PER A = 0.00 PER B = 22.53 PER C = 22.53 PER D = 54.94
              TP = -0.13333 HRS MASS RAIN = -1

```



```

PRINT HYD      ID = 5  CODE = 1
*
*  BASIN L9.2A-6
*
COMPUTE NM HYD  ID = 6  HYD NO = L9.2A_6  AREA = 0.02169 SQ MI
      PER A = 0.00 PER B = 11.52 PER C = 11.52  PER D = 76.96
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 6  CODE = 1
*
*  BASIN L7.1A
*
COMPUTE NM HYD  ID = 7  HYD NO = L7.1A  AREA = 0.00575 SQ MI
      PER A = 0.00 PER B = 45.76 PER C = 45.76  PER D = 08.48
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 7  CODE = 1
*
*  BASIN UD.4A (SITE)
*
COMPUTE NM HYD  ID = 8  HYD NO = UD.4A  AREA = 0.00955 SQ MI
      PER A = 0.00 PER B = 38.22 PER C = 38.22  PER D = 23.56
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 8  CODE = 1
*
*  BASIN L9.1B_1
*
COMPUTE NM HYD  ID = 9  HYD NO = L9.1B_1  AREA = 0.00720 SQ MI
      PER A = 0.00 PER B = 46.78 PER C = 46.78  PER D = 06.44
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 9  CODE = 1
*
*  BASIN L9.1B_2
*
COMPUTE NM HYD  ID = 10  HYD NO = L9.1B_2  AREA = 0.00462 SQ MI
      PER A = 0.00 PER B = 40.11 PER C = 40.11  PER D = 19.78
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 10  CODE = 1
*
*  BASIN L9.1B_3
*
COMPUTE NM HYD  ID = 11  HYD NO = L9.1B_3  AREA = 0.00839 SQ MI
      PER A = 0.00 PER B = 18.18 PER C = 18.18  PER D = 63.64
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 11  CODE = 1
*
*  BASIN L9.2B
*
COMPUTE NM HYD  ID = 12  HYD NO = L9.2B  AREA = 0.01274 SQ MI
      PER A = 0.00 PER B = 42.49 PER C = 42.49  PER D = 15.02
      TP = -0.13333 HRS  MASS RAIN = -1
PRINT HYD      ID = 12  CODE = 1
*
*  BASIN L12.19D/20A
*
COMPUTE NM HYD  ID = 13  HYD NO = L12.19D/20A  AREA = 0.00426 SQ MI

```

PER A = 0.00 PER B = 43.05 PER C = 43.05 PER D = 13.90

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=13 CODE = 1

*

* COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF ADJACENT OFFSITE BASINS

* BASIN L9.1A

*

COMPUTE NM HYD ID = 14 HYD NO = L9.1AOFF AREA = 0.09675 SQ MI

PER A = 91.9 PER B = 0.0 PER C = 8.1 PER D = 0.0

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=14 CODE = 1

*

* BASIN L9.2AOFF

*

COMPUTE NM HYD ID = 15 HYD NO = L9.2AOFF AREA = 0.003203 SQ MI

PER A = 0.00 PER B = 0.00 PER C = 100.0 PER D = 0.00

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=15 CODE = 1

*

* BASIN L9.1BOFF

*

COMPUTE NM HYD ID = 16 HYD NO = L9.1BOFF AREA = 0.046265 SQ MI

PER A = 75.0 PER B = 25.00 PER C = 00.0 PER D = 0.00

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=16 CODE = 1

*

* BASIN UD.4OFF

*

COMPUTE NM HYD ID = 17 HYD NO = UD.4OFF AREA = 0.00072 SQ MI

PER A = 0.00 PER B = 0.00 PER C = 0.00 PER D = 100.00

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=17 CODE = 1

*

*

*COMBINE DEVELOPED BASINS L9.2A-1, L9.2A-2, L9.2A-3, L9.2A-4, L9.2A-5, L9.2A-6, AND L7.1A (AHYMO IDS 1-7)

*TO DETERMINE TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

ADD HYD ID = 18 HYD NO = BASIN_2T ID = 1 ID = 2

ADD HYD ID = 19 HYD NO = BASIN_3T ID = 18 ID = 3

ADD HYD ID = 20 HYD NO = BASIN_4T ID = 19 ID = 4

ADD HYD ID = 21 HYD NO = BASIN_5T ID = 20 ID = 5

ADD HYD ID = 22 HYD NO = BASIN_6T ID = 21 ID = 6

ADD HYD ID = 23 HYD NO = BASIN_7T ID = 22 ID = 7

*

*

* TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

*

PRINT HYD ID = 23 CODE = 1

*

* SDMH SPLITTER RUNOFF DIVERTED TO S-1 STRUCTURE (ID=24) = 103.6 CFS AND RUNOFF TO L9.2B POND (ID=25) = 94.6 CFS

*

DIVIDE HYD ID = 23 Q=103.6 ID I = 24 HYD NO = TO_S1

ID II= 25 HYD NO = TO_POND

```

*
PRINT HYD      ID = 24 CODE = 1
PRINT HYD      ID = 25 CODE = 1
*
*
*   COMBINE BASIN L9.1BOFF AND BASIN L9.1B FLOWS  TO DETERMINE TOTAL FLOWS THAT ENTERS
L9.1B-1 POND
ADD HYD      ID = 26 HYD NO = BASIN_8T ID = 9 ID = 16
*ROUTE THROUGH POND LOCATED IN L9.1B-1 THAT DISCHARGES INTO NEW SD SYSTEM
ROUTE RESERVOIR  ID = 27 HYD NO = OUTFLOW INFLOW ID = 26 CODE = 5
      OUTFLOW (CFS)  STORAGE(AC FT)  ELEV(FT)
      0.0          0.0          5009
      0.1          0.07         5010
      0.1          0.16         5011
      28.26        0.22         5011.5
      67.96        0.29         5012
      75.98        0.44         5013
*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED
CONDITION. FOR OUTLET ANALYSIS
*SEE  SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)
*
*****COMBINE REMAINING CONTRIBUTING BASINS L9.1B BASINS, BASIN L12.19D/20A, BASIN L9.2B
AND RUNOFF FROM SDMH SPLITTER. (IDS 10,11,12,13,25,AND 27)
ADD HYD      ID = 28 HYD NO = BASIN_9T ID = 27 ID = 10
ADD HYD      ID = 29 HYD NO = BASIN_10T ID = 28 ID = 11
ADD HYD      ID = 30 HYD NO = BASIN_11T ID = 29 ID = 13
*****TOTAL FLOW TO POND
ADD HYD      ID = 31 HYD NO = BASIN_12T ID = 30 ID = 12
ADD HYD      ID = 32 HYD NO = BASIN_13T ID = 31 ID = 25
PRINT HYD      ID = 32 CODE = 1
*ROUTE THROUGH BASIN L9.2B POND TO DETERMINE MAX DISCHARGE TO S-2 STRUCTURE
ROUTE RESERVOIR  ID = 33 HYD NO = OUTFLOW INFLOW ID = 32 CODE = 5
      OUTFLOW (CFS)  STORAGE(AC FT)  ELEV(FT)
      0.1          0.00         5053
      0.1          0.38         5054
      0.1          0.81         5055
      0.1          1.28         5056
      61.50        1.79         5057
      86.50        2.36         5058
      106.0        2.97         5059
      110.0        3.63         5060
      122.7        4.35         5061
*****48" SD INV OUT=5056.5
*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED
CONDITION. FOR OUTLET ANALYSIS
*SEE  SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)
*TOTAL FLOW FROM DRAINAGE POND OUTLET STRUCTURE TO S-2 STRUCTUR
PRINT HYD      ID = 33
FINISH

```

[(s16.66H

AHYMO PROGRAM (AHYMO-S4)

- Version: S4.01a - Rel: 01a

RUN DATE (MON/DAY/YR) = 11/09/2016

START TIME (HR:MIN:SEC) = 13:19:28

USER NO.= AHYMO_Temp_User:HighMesa

INPUT FILE = C:\AHYMO\2014.184.4 100 YR INPUT Phase_1_revised.txt

*2345678901234567890

```
*
* 100 year, 24 hour storm
*
*           Phase 1 Buildout
*
* HMCJ JOB NUMBER 2014.184.4
* APS NORTHWEST EDUCATION CORRIDOR
*
*
START           TIME = 0.0 HR  PUNCH CODE = 0  PRINT LINES = -1
*
*  RAINFALL DATA FROM NOAA Atlas 14, Volume 1, Version 5
*
RAINFALL        TYPE = 1  RAIN QUARTER = 0.0
                 RAIN ONE = 1.80 IN  RAIN SIX = 2.31 IN
                 RAIN DAY = 2.62 IN  DT = 0.03333
```

6-HOUR RAINFALL DIST. - BASED ON NOAA ATLAS 14 FOR CONVECTIVE AREAS (NM & AZ)

- D1

```
DT = 0.033330 HOURS      END TIME = 5.999400 HOURS
0.0000 0.0023 0.0045 0.0069 0.0094 0.0119 0.0147
0.0175 0.0205 0.0236 0.0268 0.0338 0.0409 0.0483
0.0562 0.0640 0.0725 0.0811 0.0898 0.0987 0.1076
0.1169 0.1263 0.1361 0.1465 0.1568 0.1685 0.1802
0.1947 0.2120 0.2293 0.2526 0.2758 0.3037 0.3362
0.3688 0.4176 0.4664 0.5329 0.6172 0.7015 0.9256
1.1502 1.3253 1.4498 1.5743 1.6372 1.6997 1.7508
1.7902 1.8296 1.8570 1.8844 1.9081 1.9281 1.9481
1.9632 1.9784 1.9915 2.0024 2.0134 2.0232 2.0330
2.0420 2.0502 2.0584 2.0659 2.0735 2.0809 2.0882
2.0955 2.0989 2.1023 2.1057 2.1090 2.1122 2.1153
2.1184 2.1214 2.1243 2.1273 2.1302 2.1331 2.1358
2.1386 2.1413 2.1439 2.1465 2.1491 2.1517 2.1543
2.1567 2.1591 2.1615 2.1639 2.1663 2.1686 2.1709
2.1732 2.1754 2.1776 2.1798 2.1819 2.1841 2.1862
2.1883 2.1904 2.1924 2.1945 2.1965 2.1985 2.2005
2.2025 2.2045 2.2064 2.2084 2.2103 2.2122 2.2141
2.2160 2.2178 2.2197 2.2215 2.2233 2.2251 2.2269
2.2287 2.2305 2.2322 2.2340 2.2357 2.2374 2.2392
2.2409 2.2425 2.2442 2.2459 2.2475 2.2492 2.2508
2.2524 2.2540 2.2556 2.2572 2.2588 2.2604 2.2619
2.2635 2.2650 2.2665 2.2681 2.2696 2.2711 2.2726
2.2741 2.2756 2.2770 2.2785 2.2799 2.2814 2.2828
2.2842 2.2857 2.2871 2.2885 2.2899 2.2913 2.2927
2.2940 2.2954 2.2968 2.2981 2.2995 2.3008 2.3021
2.3035 2.3048 2.3061 2.3074 2.3087 2.3100
```

*
 * COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF PHASE 1 CONDITION(ON-SIT
 *
 * BASIN L9.2A-1
 *

COMPUTE NM HYD ID = 1 HYD NO = L9.2A_1 AREA = 0.03288 SQ MI
 PER A = 0.00 PER B = 12.95 PER C = 12.95 PER D = 74.1
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

7.106428

UNIT PEAK = 96.169 CFS UNIT VOLUME = 0.9993 B = 526.28 P60 =

1.8000

AREA = 0.024364 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =

3.984395

UNIT PEAK = 22.619 CFS UNIT VOLUME = 0.9999 B = 354.13 P60 =

1.8000

AREA = 0.008516 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 1 CODE = 1

HYDROGRAPH FROM AREA L9.2A_1

RUNOFF VOLUME = 1.76311 INCHES = 3.0918 ACRE-FEET
 PEAK DISCHARGE RATE = 82.31 CFS AT 1.533 HOURS BASIN AREA = 0.0329 SQ. MI.

*
 * BASIN L9.2A-2
 *

COMPUTE NM HYD ID = 2 HYD NO = L9.2A_2 AREA = 0.02071 SQ MI
 PER A = 0.00 PER B = 45.63 PER C = 31.58 PER D = 22.79
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

7.106428

UNIT PEAK = 18.630 CFS UNIT VOLUME = 0.9988 B = 526.28 P60 =

1.8000

AREA = 0.004720 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.121148HR TP = 0.133330HR K/TP RATIO = 0.908630 SHAPE CONSTANT, N =

3.898051

UNIT PEAK = 41.774 CFS UNIT VOLUME = 1.000 B = 348.32 P60 =

1.8000

AREA = 0.015990 SQ MI IA = 0.43865 INCHES INF = 1.07821 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 2 CODE = 1

HYDROGRAPH FROM AREA L9.2A_2

RUNOFF VOLUME = 1.16608 INCHES = 1.2880 ACRE-FEET
 PEAK DISCHARGE RATE = 40.33 CFS AT 1.533 HOURS BASIN AREA = 0.0207 SQ. MI.

*
 * BASIN L9.2A-3
 *

COMPUTE NM HYD ID = 3 HYD NO = L9.2A_3 AREA = 0.00329 SQ MI
 PER A = 0.00 PER B = 80.00 PER C = 20.00 PER D = 00.00
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.126823HR TP = 0.133330HR K/TP RATIO = 0.951195 SHAPE CONSTANT, N = 3.715600
 UNIT PEAK = 8.2847 CFS UNIT VOLUME = 0.9985 B = 335.75 P60 = 1.8000
 AREA = 0.003290 SQ MI IA = 0.47000 INCHES INF = 1.16600 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 3 CODE = 1

HYDROGRAPH FROM AREA L9.2A_3

RUNOFF VOLUME = 0.85649 INCHES = 0.1503 ACRE-FEET
 PEAK DISCHARGE RATE = 5.33 CFS AT 1.533 HOURS BASIN AREA = 0.0033 SQ. MI.

*
 * BASIN L9.2A-4
 *

COMPUTE NM HYD ID = 4 HYD NO = L9.2A_4 AREA = 0.00388 SQ MI
 PER A = 0.00 PER B = 50.00 PER C = 50.00 PER D = 00.00
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N = 3.984395
 UNIT PEAK = 10.306 CFS UNIT VOLUME = 0.9992 B = 354.13 P60 = 1.8000
 AREA = 0.003880 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 4 CODE = 1

HYDROGRAPH FROM AREA L9.2A_4

RUNOFF VOLUME = 0.92457 INCHES = 0.1913 ACRE-FEET
 PEAK DISCHARGE RATE = 6.78 CFS AT 1.533 HOURS BASIN AREA = 0.0039 SQ. MI.

*
* BASIN L9.2A-5
*

COMPUTE NM HYD ID = 5 HYD NO = L9.2A_5 AREA = 0.01090 SQ MI
PER A = 0.00 PER B = 22.53 PER C = 22.53 PER D = 54.94
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

UNIT PEAK = 23.637 CFS UNIT VOLUME = 0.9989 B = 526.28 P60 =

AREA = 0.005988 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

UNIT PEAK = 13.045 CFS UNIT VOLUME = 0.9994 B = 354.13 P60 =

AREA = 0.004912 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 5 CODE = 1

HYDROGRAPH FROM AREA L9.2A_5

RUNOFF VOLUME = 1.54629 INCHES = 0.8989 ACRE-FEET
PEAK DISCHARGE RATE = 25.16 CFS AT 1.533 HOURS BASIN AREA = 0.0109 SQ. MI.

*
* BASIN L9.2A-6
*

COMPUTE NM HYD ID = 6 HYD NO = L9.2A_6 AREA = 0.02169 SQ MI
PER A = 0.00 PER B = 11.52 PER C = 11.52 PER D = 76.96
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

UNIT PEAK = 65.889 CFS UNIT VOLUME = 0.9992 B = 526.28 P60 =

AREA = 0.016693 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

UNIT PEAK = 13.273 CFS UNIT VOLUME = 0.9994 B = 354.13 P60 =

AREA = 0.004997 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 6 CODE = 1

HYDROGRAPH FROM AREA L9.2A_6

RUNOFF VOLUME = 1.79548 INCHES = 2.0770 ACRE-FEET
 PEAK DISCHARGE RATE = 54.94 CFS AT 1.533 HOURS BASIN AREA = 0.0217 SQ. MI.

*
 * BASIN L7.1A
 *

COMPUTE NM HYD ID = 7 HYD NO = L7.1A AREA = 0.00575 SQ MI
 PER A = 0.00 PER B = 45.76 PER C = 45.76 PER D = 08.48
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

7.106428

UNIT PEAK = 1.9246 CFS UNIT VOLUME = 0.9932 B = 526.28 P60 =

1.8000

AREA = 0.000488 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

3.984395

UNIT PEAK = 13.977 CFS UNIT VOLUME = 0.9995 B = 354.13 P60 =

1.8000

AREA = 0.005262 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 7 CODE = 1

HYDROGRAPH FROM AREA L7.1A

RUNOFF VOLUME = 1.02053 INCHES = 0.3130 ACRE-FEET
 PEAK DISCHARGE RATE = 10.54 CFS AT 1.533 HOURS BASIN AREA = 0.0058 SQ. MI.

*
 * BASIN UD.4A (SITE)
 *

COMPUTE NM HYD ID = 8 HYD NO = UD.4A AREA = 0.00955 SQ MI
 PER A = 0.00 PER B = 38.22 PER C = 38.22 PER D = 23.56
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

7.106428

UNIT PEAK = 8.8810 CFS UNIT VOLUME = 0.9980 B = 526.28 P60 =

1.8000

AREA = 0.002250 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

3.984395

UNIT PEAK = 19.389 CFS UNIT VOLUME = 0.9998 B = 354.13 P60 =

1.8000

AREA = 0.007300 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 8 CODE = 1

HYDROGRAPH FROM AREA UD.4A

RUNOFF VOLUME = 1.19119 INCHES = 0.6067 ACRE-FEET
 PEAK DISCHARGE RATE = 18.98 CFS AT 1.533 HOURS BASIN AREA = 0.0096 SQ. MI.

*
 * BASIN L9.1B_1
 *

COMPUTE NM HYD ID = 9 HYD NO = L9.1B_1 AREA = 0.00720 SQ MI
 PER A = 0.00 PER B = 46.78 PER C = 46.78 PER D = 06.44
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 7.106428

UNIT PEAK = 1.8302 CFS UNIT VOLUME = 0.9932 B = 526.28 P60 =
 1.8000

AREA = 0.000464 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =
 3.984395

UNIT PEAK = 17.892 CFS UNIT VOLUME = 0.9997 B = 354.13 P60 =
 1.8000

AREA = 0.006736 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 9 CODE = 1

HYDROGRAPH FROM AREA L9.1B_1

RUNOFF VOLUME = 0.99745 INCHES = 0.3830 ACRE-FEET
 PEAK DISCHARGE RATE = 13.05 CFS AT 1.533 HOURS BASIN AREA = 0.0072 SQ. MI.

*
 * BASIN L9.1B_2
 *

COMPUTE NM HYD ID = 10 HYD NO = L9.1B_2 AREA = 0.00462 SQ MI
 PER A = 0.00 PER B = 40.11 PER C = 40.11 PER D = 19.78
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 7.106428

UNIT PEAK = 3.6071 CFS UNIT VOLUME = 0.9960 B = 526.28 P60 =
 1.8000

AREA = 0.000914 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

UNIT PEAK = 9.8438 CFS UNIT VOLUME = 0.9991 B = 354.13 P60 =

AREA = 0.003706 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 10 CODE = 1

HYDROGRAPH FROM AREA L9.1B_2

RUNOFF VOLUME = 1.14841 INCHES = 0.2830 ACRE-FEET
 PEAK DISCHARGE RATE = 9.01 CFS AT 1.533 HOURS BASIN AREA = 0.0046 SQ. MI.

*
 * BASIN L9.1B_3
 *

COMPUTE NM HYD ID = 11 HYD NO = L9.1B_3 AREA = 0.00839 SQ MI
 PER A = 0.00 PER B = 18.18 PER C = 18.18 PER D = 63.64
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

UNIT PEAK = 21.075 CFS UNIT VOLUME = 0.9988 B = 526.28 P60 =

AREA = 0.005339 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =

UNIT PEAK = 8.1026 CFS UNIT VOLUME = 0.9988 B = 354.13 P60 =

AREA = 0.003051 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 11 CODE = 1

HYDROGRAPH FROM AREA L9.1B_3

RUNOFF VOLUME = 1.64475 INCHES = 0.7360 ACRE-FEET
 PEAK DISCHARGE RATE = 20.12 CFS AT 1.533 HOURS BASIN AREA = 0.0084 SQ. MI.

*
 * BASIN L9.2B
 *

COMPUTE NM HYD ID = 12 HYD NO = L9.2B AREA = 0.01274 SQ MI

AHYMO.OUT

PER A = 0.00 PER B = 42.49 PER C = 42.49 PER D = 15.02
TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
1.8000 UNIT PEAK = 7.5531 CFS UNIT VOLUME = 0.9978 B = 526.28 P60 =
AREA = 0.001914 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =
1.8000 UNIT PEAK = 28.756 CFS UNIT VOLUME = 1.000 B = 354.13 P60 =
AREA = 0.010826 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 12 CODE = 1

HYDROGRAPH FROM AREA L9.2B

RUNOFF VOLUME = 1.09454 INCHES = 0.7437 ACRE-FEET
PEAK DISCHARGE RATE = 24.19 CFS AT 1.533 HOURS BASIN AREA = 0.0127 SQ. MI.

*
* BASIN L12.19D/20A
*

COMPUTE NM HYD ID = 13 HYD NO = L12.19D/20A AREA = 0.00426 SQ MI
PER A = 0.00 PER B = 43.05 PER C = 43.05 PER D = 13.90
TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
1.8000 UNIT PEAK = 2.3373 CFS UNIT VOLUME = 0.9941 B = 526.28 P60 =
AREA = 0.000592 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =
1.8000 UNIT PEAK = 9.7421 CFS UNIT VOLUME = 0.9991 B = 354.13 P60 =
AREA = 0.003668 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 13 CODE = 1

HYDROGRAPH FROM AREA L12.19D/20A

RUNOFF VOLUME = 1.08187 INCHES = 0.2458 ACRE-FEET
PEAK DISCHARGE RATE = 8.05 CFS AT 1.533 HOURS BASIN AREA = 0.0043 SQ. MI.

*
* COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF ADJACENT OFFSITE BASINS
* BASIN L9.1A
*

COMPUTE NM HYD ID = 14 HYD NO = L9.1AOFF AREA = 0.09675 SQ MI
PER A = 91.9 PER B = 0.0 PER C = 8.1 PER D = 0.0
TP = -0.13333 HRS MASS RAIN = -1

K = 0.156905HR TP = 0.133330HR K/TP RATIO = 1.176816 SHAPE CONSTANT, N =
3.014821
UNIT PEAK = 205.38 CFS UNIT VOLUME = 0.9997 B = 283.03 P60 =
1.8000
AREA = 0.096750 SQ MI IA = 0.62570 INCHES INF = 1.60196 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =14 CODE = 1

HYDROGRAPH FROM AREA L9.1AOFF

RUNOFF VOLUME = 0.65224 INCHES = 3.3655 ACRE-FEET
PEAK DISCHARGE RATE = 115.18 CFS AT 1.533 HOURS BASIN AREA = 0.0968 SQ. MI.

*
* BASIN L9.2AOFF
*

COMPUTE NM HYD ID = 15 HYD NO = L9.2AOFF AREA = 0.003203 SQ MI
PER A = 0.00 PER B = 0.00 PER C = 100.0 PER D = 0.00
TP = -0.13333 HRS MASS RAIN = -1

K = 0.105101HR TP = 0.133330HR K/TP RATIO = 0.788276 SHAPE CONSTANT, N =
4.552748
UNIT PEAK = 9.3806 CFS UNIT VOLUME = 0.9990 B = 390.48 P60 =
1.8000
AREA = 0.003203 SQ MI IA = 0.35000 INCHES INF = 0.83000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =15 CODE = 1

HYDROGRAPH FROM AREA L9.2AOFF

RUNOFF VOLUME = 1.04869 INCHES = 0.1791 ACRE-FEET
PEAK DISCHARGE RATE = 6.32 CFS AT 1.533 HOURS BASIN AREA = 0.0032 SQ. MI.

*
* BASIN L9.1BOFF
*

COMPUTE NM HYD ID = 16 HYD NO = L9.1BOFF AREA = 0.046265 SQ MI
PER A = 75.0 PER B = 25.00 PER C = 00.0 PER D = 0.00

TP = -0.13333 HRS MASS RAIN = -1

K = 0.157178HR TP = 0.133330HR K/TP RATIO = 1.178862 SHAPE CONSTANT, N = 3.009971
 UNIT PEAK = 98.075 CFS UNIT VOLUME = 0.9997 B = 282.64 P60 = 1.8000
 AREA = 0.046265 SQ MI IA = 0.61250 INCHES INF = 1.56500 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =16 CODE = 1

HYDROGRAPH FROM AREA L9.1BOFF

RUNOFF VOLUME = 0.66700 INCHES = 1.6458 ACRE-FEET
 PEAK DISCHARGE RATE = 55.97 CFS AT 1.533 HOURS BASIN AREA = 0.0463 SQ. MI.

*
 * BASIN UD.4OFF
 *

COMPUTE NM HYD ID = 17 HYD NO = UD.4OFF AREA = 0.00072 SQ MI
 PER A = 0.00 PER B = 0.00 PER C = 0.00 PER D = 100.00
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
 UNIT PEAK = 2.8420 CFS UNIT VOLUME = 0.9955 B = 526.28 P60 = 1.8000
 AREA = 0.000720 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =17 CODE = 1

HYDROGRAPH FROM AREA UD.4OFF

RUNOFF VOLUME = 2.05621 INCHES = 0.0790 ACRE-FEET
 PEAK DISCHARGE RATE = 2.01 CFS AT 1.500 HOURS BASIN AREA = 0.0007 SQ. MI.

*
 *
 *COMBINE DEVELOPED BASINS L9.2A-1, L9.2A-2, L9.2A-3, L9.2A-4, L9.2A-5, L9.2A-6,
 *TO DETERMINE TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

ADD HYD ID = 18 HYD NO = BASIN_2T ID = 1 ID = 2
 ADD HYD ID = 19 HYD NO = BASIN_3T ID = 18 ID = 3
 ADD HYD ID = 20 HYD NO = BASIN_4T ID = 19 ID = 4
 ADD HYD ID = 21 HYD NO = BASIN_5T ID = 20 ID = 5
 ADD HYD ID = 22 HYD NO = BASIN_6T ID = 21 ID = 6
 ADD HYD ID = 23 HYD NO = BASIN_7T ID = 22 ID = 7

*
 *
 * TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER
 *

PRINT HYD

ID = 23 CODE = 1

HYDROGRAPH FROM AREA BASIN_7T

RUNOFF VOLUME = 1.51555 INCHES = 8.0101 ACRE-FEET
 PEAK DISCHARGE RATE = 225.39 CFS AT 1.533 HOURS BASIN AREA = 0.0991 SQ. MI.

*
 * SDMH SPLITTER RUNOFF DIVERTED TO S-1 STRUCTURE (ID=24) = 103.6 CFS AND RUNOFF
 *
 DIVIDE HYD ID = 23 Q=103.6 ID I = 24 HYD NO = TO_S1
 ID II= 25 HYD NO = TO_POND

PRINT HYD ID = 24 CODE = 1

HYDROGRAPH FROM AREA TO_S1

RUNOFF VOLUME = 1.51555 INCHES = 6.2228 ACRE-FEET
 PEAK DISCHARGE RATE = 103.60 CFS AT 1.433 HOURS BASIN AREA = 0.0770 SQ. MI.

PRINT HYD ID = 25 CODE = 1

HYDROGRAPH FROM AREA TO_POND

RUNOFF VOLUME = 1.51555 INCHES = 1.7874 ACRE-FEET
 PEAK DISCHARGE RATE = 121.79 CFS AT 1.533 HOURS BASIN AREA = 0.0221 SQ. MI.

*
 *
 * COMBINE BASIN L9.1BOFF AND BASIN L9.1B FLOWS TO DETERMINE TOTAL FLOWS THAT
 ADD HYD ID = 26 HYD NO = BASIN_8T ID = 9 ID = 16
 *ROUTE THROUGH POND LOCATED IN L9.1B-1 THAT DISCHARGES INTO NEW SD SYSTEM
 ROUTE RESERVOIR ID = 27 HYD NO = OUTFLOW INFLOW ID = 26 CODE = 5

	OUTFLOW (CFS)	STORAGE(AC FT)	ELEV(FT)
0.0	0.0	5009	
0.1	0.07	5010	
0.1	0.16	5011	
28.26	0.22	5011.5	
67.96	0.29	5012	
75.98	0.44	5013	

* * * * *

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
0.00	0.00	5009.00	0.000	0.00

AHYMO.OUT

0.17	0.00	5009.00	0.000	0.00
0.33	0.00	5009.00	0.000	0.00
0.50	0.00	5009.00	0.000	0.00
0.67	0.00	5009.00	0.000	0.00
0.83	0.05	5009.00	0.000	0.00
1.00	0.09	5009.02	0.001	0.00
1.17	0.17	5009.04	0.003	0.00
1.33	2.74	5009.17	0.012	0.02
1.50	66.31	5011.89	0.274	59.09
1.67	41.54	5011.74	0.253	46.98
1.83	14.37	5011.30	0.196	17.16
2.00	6.67	5011.13	0.175	7.30
2.17	4.52	5011.08	0.170	4.79
2.33	3.12	5011.06	0.167	3.31
2.50	2.15	5011.04	0.165	2.28
2.67	1.48	5011.03	0.163	1.57
2.83	1.03	5011.02	0.162	1.09
3.00	0.72	5011.01	0.161	0.76
3.17	0.50	5011.01	0.161	0.53
3.33	0.35	5011.00	0.161	0.37
3.50	0.25	5011.00	0.160	0.26
3.67	0.17	5011.00	0.160	0.18
3.83	0.12	5011.00	0.160	0.13
4.00	0.09	5011.00	0.160	0.10
4.17	0.06	5011.00	0.160	0.10
4.33	0.05	5011.00	0.160	0.10
4.50	0.04	5011.00	0.160	0.10
4.67	0.03	5011.00	0.160	0.10
4.83	0.02	5011.00	0.160	0.10
5.00	0.02	5011.00	0.160	0.10
5.17	0.01	5011.00	0.160	0.10
5.33	0.01	5011.00	0.160	0.10
5.50	0.01	5011.00	0.160	0.10
5.67	0.01	5011.00	0.160	0.10
5.83	0.01	5011.00	0.160	0.10
6.00	0.01	5011.00	0.160	0.10
6.17	0.00	5011.00	0.160	0.10
6.33	0.00	5011.00	0.160	0.10
6.50	0.00	5011.00	0.160	0.10
6.67	0.00	5011.00	0.160	0.10
6.83	0.00	5011.00	0.160	0.10
7.00	0.00	5011.00	0.160	0.10
7.17	0.00	5011.00	0.160	0.10
7.33	0.00	5011.00	0.160	0.10
7.50	0.00	5011.00	0.160	0.10
7.67	0.00	5011.00	0.160	0.10
7.83	0.00	5011.00	0.160	0.10
8.00	0.00	5011.00	0.160	0.10
8.17	0.00	5011.00	0.160	0.10
8.33	0.00	5011.00	0.160	0.10
8.50	0.00	5011.00	0.160	0.10
8.67	0.00	5011.00	0.160	0.10
8.83	0.00	5011.00	0.160	0.10
9.00	0.00	5011.00	0.160	0.10
9.17	0.00	5011.00	0.160	0.10

TIME	INFLOW	ELEV	VOLUME	OUTFLOW
------	--------	------	--------	---------

(HRS)	(CFS)	(FEET)	AHYMO.OUT	
			(AC-FT)	(CFS)
9.33	0.00	5011.00	0.160	0.10
9.50	0.00	5011.00	0.160	0.10
9.67	0.00	5011.00	0.160	0.10
9.83	0.00	5011.00	0.160	0.10
10.00	0.00	5011.00	0.160	0.10
10.17	0.00	5011.00	0.160	0.10
10.33	0.00	5011.00	0.160	0.10
10.50	0.00	5011.00	0.160	0.10
10.67	0.00	5011.00	0.160	0.10
10.83	0.00	5011.00	0.160	0.10
11.00	0.00	5011.00	0.160	0.10
11.17	0.00	5011.00	0.160	0.10
11.33	0.00	5011.00	0.160	0.10
11.50	0.00	5011.00	0.160	0.10
11.67	0.00	5011.00	0.160	0.10
11.83	0.00	5011.00	0.160	0.10
12.00	0.00	5011.00	0.160	0.10
12.17	0.00	5011.00	0.160	0.10
12.33	0.00	5011.00	0.160	0.10
12.50	0.00	5011.00	0.160	0.10
12.67	0.00	5011.00	0.160	0.10
12.83	0.00	5011.00	0.160	0.10
13.00	0.00	5011.00	0.160	0.10
13.17	0.00	5011.00	0.160	0.10
13.33	0.00	5011.00	0.160	0.10
13.50	0.00	5011.00	0.160	0.10
13.67	0.00	5011.00	0.160	0.10
13.83	0.00	5011.00	0.160	0.10
14.00	0.00	5011.00	0.160	0.10
14.17	0.00	5011.00	0.160	0.10
14.33	0.00	5011.00	0.160	0.10
14.50	0.00	5011.00	0.160	0.10
14.67	0.00	5011.00	0.160	0.10
14.83	0.00	5011.00	0.160	0.10
15.00	0.00	5011.00	0.160	0.10
15.17	0.00	5011.00	0.160	0.10
15.33	0.00	5011.00	0.160	0.10
15.50	0.00	5009.99	0.069	0.10
15.67	0.00	5009.97	0.068	0.10
15.83	0.00	5009.95	0.067	0.10
16.00	0.00	5009.94	0.065	0.09
16.17	0.00	5009.92	0.064	0.09
16.33	0.00	5009.90	0.063	0.09
16.50	0.00	5009.88	0.062	0.09
16.67	0.00	5009.86	0.061	0.09
16.83	0.00	5009.85	0.059	0.08
17.00	0.00	5009.83	0.058	0.08
17.16	0.00	5009.81	0.057	0.08
17.33	0.00	5009.80	0.056	0.08
17.50	0.00	5009.78	0.055	0.08
17.66	0.00	5009.77	0.054	0.08
17.83	0.00	5009.75	0.053	0.08
18.00	0.00	5009.74	0.052	0.07
18.16	0.00	5009.72	0.051	0.07
18.33	0.00	5009.71	0.050	0.07

AHYMO.OUT				
18.50	0.00	5009.70	0.049	0.07
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
18.66	0.00	5009.68	0.048	0.07
18.83	0.00	5009.67	0.047	0.07
19.00	0.00	5009.66	0.046	0.07
19.16	0.00	5009.64	0.045	0.06
19.33	0.00	5009.63	0.044	0.06
19.50	0.00	5009.62	0.043	0.06
19.66	0.00	5009.61	0.042	0.06
19.83	0.00	5009.60	0.042	0.06
20.00	0.00	5009.58	0.041	0.06
20.16	0.00	5009.57	0.040	0.06
20.33	0.00	5009.56	0.039	0.06
20.50	0.00	5009.55	0.038	0.05
20.66	0.00	5009.54	0.038	0.05
20.83	0.00	5009.53	0.037	0.05
21.00	0.00	5009.52	0.036	0.05
21.16	0.00	5009.51	0.036	0.05
21.33	0.00	5009.50	0.035	0.05
21.50	0.00	5009.49	0.034	0.05
21.66	0.00	5009.48	0.034	0.05
21.83	0.00	5009.47	0.033	0.05
22.00	0.00	5009.46	0.032	0.05
22.16	0.00	5009.45	0.032	0.05
22.33	0.00	5009.44	0.031	0.04
22.50	0.00	5009.43	0.030	0.04
22.66	0.00	5009.43	0.030	0.04
22.83	0.00	5009.42	0.029	0.04
23.00	0.00	5009.41	0.029	0.04
23.16	0.00	5009.40	0.028	0.04
23.33	0.00	5009.39	0.028	0.04
23.50	0.00	5009.39	0.027	0.04
23.66	0.00	5009.38	0.026	0.04
23.83	0.00	5009.37	0.026	0.04
24.00	0.00	5009.36	0.025	0.04
24.16	0.00	5009.36	0.025	0.04
24.33	0.00	5009.35	0.024	0.03
24.50	0.00	5009.34	0.024	0.03
24.66	0.00	5009.34	0.024	0.03
24.83	0.00	5009.33	0.023	0.03
25.00	0.00	5009.32	0.023	0.03
25.16	0.00	5009.32	0.022	0.03
25.33	0.00	5009.31	0.022	0.03
25.50	0.00	5009.30	0.021	0.03
25.66	0.00	5009.30	0.021	0.03
25.83	0.00	5009.29	0.021	0.03
26.00	0.00	5009.29	0.020	0.03
26.16	0.00	5009.28	0.020	0.03
26.33	0.00	5009.28	0.019	0.03
26.50	0.00	5009.27	0.019	0.03
26.66	0.00	5009.27	0.019	0.03
26.83	0.00	5009.26	0.018	0.03
27.00	0.00	5009.26	0.018	0.03
27.16	0.00	5009.25	0.018	0.03

AHYMO.OUT				
27.33	0.00	5009.25	0.017	0.02
27.50	0.00	5009.24	0.017	0.02
27.66	0.00	5009.24	0.017	0.02
27.83	0.00	5009.23	0.016	0.02
TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
28.00	0.00	5009.23	0.016	0.02
28.16	0.00	5009.22	0.016	0.02
28.33	0.00	5009.22	0.015	0.02
28.50	0.00	5009.21	0.015	0.02
28.66	0.00	5009.21	0.015	0.02
28.83	0.00	5009.21	0.014	0.02
29.00	0.00	5009.20	0.014	0.02
29.16	0.00	5009.20	0.014	0.02
29.33	0.00	5009.19	0.014	0.02
29.50	0.00	5009.19	0.013	0.02
29.66	0.00	5009.19	0.013	0.02
29.83	0.00	5009.18	0.013	0.02
30.00	0.00	5009.18	0.013	0.02
30.16	0.00	5009.18	0.012	0.02
30.33	0.00	5009.17	0.012	0.02
30.50	0.00	5009.17	0.012	0.02
30.66	0.00	5009.17	0.012	0.02
30.83	0.00	5009.16	0.011	0.02
31.00	0.00	5009.16	0.011	0.02
31.16	0.00	5009.16	0.011	0.02
31.33	0.00	5009.15	0.011	0.02
31.50	0.00	5009.15	0.011	0.02
31.66	0.00	5009.15	0.010	0.01
31.83	0.00	5009.14	0.010	0.01
32.00	0.00	5009.14	0.010	0.01
32.16	0.00	5009.14	0.010	0.01
32.33	0.00	5009.14	0.010	0.01
32.50	0.00	5009.13	0.009	0.01
32.66	0.00	5009.13	0.009	0.01
32.83	0.00	5009.13	0.009	0.01
33.00	0.00	5009.13	0.009	0.01
33.16	0.00	5009.12	0.009	0.01
33.33	0.00	5009.12	0.008	0.01
33.50	0.00	5009.12	0.008	0.01
33.66	0.00	5009.12	0.008	0.01
33.83	0.00	5009.11	0.008	0.01
34.00	0.00	5009.11	0.008	0.01
34.16	0.00	5009.11	0.008	0.01
34.33	0.00	5009.11	0.008	0.01
34.50	0.00	5009.11	0.007	0.01
34.66	0.00	5009.10	0.007	0.01
34.83	0.00	5009.10	0.007	0.01
35.00	0.00	5009.10	0.007	0.01
35.16	0.00	5009.10	0.007	0.01
35.33	0.00	5009.10	0.007	0.01
35.50	0.00	5009.09	0.007	0.01
35.66	0.00	5009.09	0.006	0.01
35.83	0.00	5009.09	0.006	0.01
36.00	0.00	5009.09	0.006	0.01

AHYMO.OUT

36.16	0.00	5009.09	0.006	0.01
36.33	0.00	5009.08	0.006	0.01
36.50	0.00	5009.08	0.006	0.01
36.66	0.00	5009.08	0.006	0.01
36.83	0.00	5009.08	0.006	0.01
37.00	0.00	5009.08	0.005	0.01
37.16	0.00	5009.08	0.005	0.01

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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37.33	0.00	5009.08	0.005	0.01
37.50	0.00	5009.07	0.005	0.01
37.66	0.00	5009.07	0.005	0.01
37.83	0.00	5009.07	0.005	0.01
38.00	0.00	5009.07	0.005	0.01
38.16	0.00	5009.07	0.005	0.01
38.33	0.00	5009.07	0.005	0.01
38.50	0.00	5009.07	0.005	0.01
38.66	0.00	5009.06	0.005	0.01
38.83	0.00	5009.06	0.004	0.01
39.00	0.00	5009.06	0.004	0.01
39.16	0.00	5009.06	0.004	0.01
39.33	0.00	5009.06	0.004	0.01
39.50	0.00	5009.06	0.004	0.01
39.66	0.00	5009.06	0.004	0.01
39.83	0.00	5009.06	0.004	0.01
40.00	0.00	5009.06	0.004	0.01
40.16	0.00	5009.05	0.004	0.01
40.33	0.00	5009.05	0.004	0.01
40.50	0.00	5009.05	0.004	0.01
40.66	0.00	5009.05	0.004	0.01
40.83	0.00	5009.05	0.003	0.00

PEAK DISCHARGE = 67.265 CFS - PEAK OCCURS AT HOUR 1.57

MAXIMUM WATER SURFACE ELEVATION = 5011.991

MAXIMUM STORAGE = 0.2888 AC-FT INCREMENTAL TIME= 0.033330HRS

*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED C

*SEE SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)

*

*****COMBINE REMAINING CONTRIBUTING BASINS L9.1B BASINS, BASIN L12.19D/20A, BASI

ADD HYD ID = 28 HYD NO = BASIN_9T ID = 27 ID = 10

ADD HYD ID = 29 HYD NO = BASIN_10T ID = 28 ID = 11

ADD HYD ID = 30 HYD NO = BASIN_11T ID = 29 ID = 13

*****TOTAL FLOW TO POND

ADD HYD ID = 31 HYD NO = BASIN_12T ID = 30 ID = 12

ADD HYD ID = 32 HYD NO = BASIN_13T ID = 31 ID = 25

PRINT HYD ID = 32 CODE = 1

HYDROGRAPH FROM AREA BASIN_13T

RUNOFF VOLUME = 1.03419 INCHES = 5.8239 ACRE-FEET

PEAK DISCHARGE RATE = 249.77 CFS AT 1.533 HOURS BASIN AREA = 0.1056 SQ. MI.

*ROUTE THROUGH BASIN L9.2B POND TO DETERMINE MAX DISCHARGE TO S-2 STRUCTURE

ROUTE RESERVOIR ID = 33 HYD NO = OUTFLOW INFLOW ID = 32 CODE = 5

	OUTFLOW (CFS)	STORAGE(AC FT)	ELEV(FT)
0.1	0.00	5053	
0.1	0.38	5054	
0.1	0.81	5055	
0.1	1.28	5056	
	61.50	1.79	5057
86.50	2.36	5058	
106.0	2.97	5059	
110.0	3.63	5060	
122.7	4.35	5061	

* * * * *

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
0.00	0.00	-Infinity	-Infinity	0.00
0.17	0.00	5056.00	1.280	0.10
0.33	0.00	5056.00	1.280	0.10
0.50	0.00	5056.00	1.280	0.10
0.67	0.00	5056.00	1.280	0.10
0.83	0.98	5056.00	1.280	0.10
1.00	1.65	5056.00	1.280	0.10
1.17	3.29	5056.00	1.280	0.10
1.33	11.64	5056.00	1.280	0.10
1.50	239.45	5056.15	1.356	9.22
1.67	107.15	5058.99	2.962	105.76
1.83	30.37	5058.02	2.374	86.95
2.00	14.19	5056.80	1.688	49.24
2.17	8.98	5056.29	1.428	17.87
2.33	6.04	5056.15	1.354	9.05
2.50	3.85	5056.09	1.325	5.48
2.67	2.52	5056.05	1.308	3.42
2.83	1.73	5056.04	1.298	2.27
3.00	1.21	5056.02	1.292	1.55
3.17	0.86	5056.02	1.288	1.09
3.33	0.64	5056.01	1.286	0.79
3.50	0.47	5056.01	1.284	0.58
3.67	0.37	5056.01	1.283	0.43
3.83	0.30	5056.00	1.282	0.34
4.00	0.27	5056.00	1.282	0.29
4.17	0.26	5056.00	1.281	0.27
4.33	0.27	5056.00	1.281	0.27
4.50	0.27	5056.00	1.281	0.27
4.67	0.27	5056.00	1.281	0.27
4.83	0.27	5056.00	1.281	0.27
5.00	0.28	5056.00	1.281	0.28
5.17	0.28	5056.00	1.282	0.28
5.33	0.29	5056.00	1.282	0.28
5.50	0.29	5056.00	1.282	0.29
5.67	0.30	5056.00	1.282	0.30
5.83	0.31	5056.00	1.282	0.30
6.00	0.31	5056.00	1.282	0.31
6.17	0.18	5056.00	1.281	0.26
6.33	0.12	5056.00	1.280	0.16

AHYMO.OUT

6.50	0.11	5056.00	1.280	0.12
6.67	0.10	5056.00	1.280	0.11
6.83	0.10	5056.00	1.280	0.10
7.00	0.10	5056.00	1.280	0.10
7.17	0.10	5056.00	1.280	0.10
7.33	0.10	5056.00	1.280	0.10
7.50	0.10	5056.00	1.280	0.10
7.67	0.10	5056.00	1.280	0.10
7.83	0.10	5056.00	1.280	0.10
8.00	0.10	5056.00	1.280	0.10
8.17	0.10	5056.00	1.280	0.10
8.33	0.10	5056.00	1.280	0.10
8.50	0.10	5056.00	1.280	0.10
8.67	0.10	5056.00	1.280	0.10
8.83	0.10	5056.00	1.280	0.10
9.00	0.10	5056.00	1.280	0.10
9.17	0.10	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
9.33	0.10	5056.00	1.280	0.10
9.50	0.10	5056.00	1.280	0.10
9.67	0.10	5056.00	1.280	0.10
9.83	0.10	5056.00	1.280	0.10
10.00	0.10	5056.00	1.280	0.10
10.17	0.10	5056.00	1.280	0.10
10.33	0.10	5056.00	1.280	0.10
10.50	0.10	5056.00	1.280	0.10
10.67	0.10	5056.00	1.280	0.10
10.83	0.10	5056.00	1.280	0.10
11.00	0.10	5056.00	1.280	0.10
11.17	0.10	5056.00	1.280	0.10
11.33	0.10	5056.00	1.280	0.10
11.50	0.10	5056.00	1.280	0.10
11.67	0.10	5056.00	1.280	0.10
11.83	0.10	5056.00	1.280	0.10
12.00	0.10	5056.00	1.280	0.10
12.17	0.10	5056.00	1.280	0.10
12.33	0.10	5056.00	1.280	0.10
12.50	0.10	5056.00	1.280	0.10
12.67	0.10	5056.00	1.280	0.10
12.83	0.10	5056.00	1.280	0.10
13.00	0.10	5056.00	1.280	0.10
13.17	0.10	5056.00	1.280	0.10
13.33	0.10	5056.00	1.280	0.10
13.50	0.10	5056.00	1.280	0.10
13.67	0.10	5056.00	1.280	0.10
13.83	0.10	5056.00	1.280	0.10
14.00	0.10	5056.00	1.280	0.10
14.17	0.10	5056.00	1.280	0.10
14.33	0.10	5056.00	1.280	0.10
14.50	0.10	5056.00	1.280	0.10
14.67	0.10	5056.00	1.280	0.10
14.83	0.10	5056.00	1.280	0.10
15.00	0.10	5056.00	1.280	0.10
15.17	0.10	5056.00	1.280	0.10

AHYMO.OUT

15.33	0.10	5056.00	1.280	0.10
15.50	0.10	5056.00	1.280	0.10
15.67	0.10	5056.00	1.280	0.10
15.83	0.10	5056.00	1.280	0.10
16.00	0.09	5056.00	1.280	0.10
16.17	0.09	5056.00	1.280	0.10
16.33	0.09	5056.00	1.280	0.10
16.50	0.09	5056.00	1.280	0.10
16.67	0.09	5056.00	1.280	0.10
16.83	0.08	5056.00	1.280	0.10
17.00	0.08	5056.00	1.280	0.10
17.16	0.08	5056.00	1.280	0.10
17.33	0.08	5056.00	1.280	0.10
17.50	0.08	5056.00	1.280	0.10
17.66	0.08	5056.00	1.280	0.10
17.83	0.08	5056.00	1.280	0.10
18.00	0.07	5056.00	1.280	0.10
18.16	0.07	5056.00	1.280	0.10
18.33	0.07	5056.00	1.280	0.10
18.50	0.07	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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18.66	0.07	5056.00	1.280	0.10
18.83	0.07	5056.00	1.280	0.10
19.00	0.07	5056.00	1.280	0.10
19.16	0.06	5056.00	1.280	0.10
19.33	0.06	5056.00	1.280	0.10
19.50	0.06	5056.00	1.280	0.10
19.66	0.06	5056.00	1.280	0.10
19.83	0.06	5056.00	1.280	0.10
20.00	0.06	5056.00	1.280	0.10
20.16	0.06	5056.00	1.280	0.10
20.33	0.06	5056.00	1.280	0.10
20.50	0.05	5056.00	1.280	0.10
20.66	0.05	5056.00	1.280	0.10
20.83	0.05	5056.00	1.280	0.10
21.00	0.05	5056.00	1.280	0.10
21.16	0.05	5056.00	1.280	0.10
21.33	0.05	5056.00	1.280	0.10
21.50	0.05	5056.00	1.280	0.10
21.66	0.05	5056.00	1.280	0.10
21.83	0.05	5056.00	1.280	0.10
22.00	0.05	5056.00	1.280	0.10
22.16	0.05	5056.00	1.280	0.10
22.33	0.04	5056.00	1.280	0.10
22.50	0.04	5056.00	1.280	0.10
22.66	0.04	5056.00	1.280	0.10
22.83	0.04	5056.00	1.280	0.10
23.00	0.04	5056.00	1.280	0.10
23.16	0.04	5056.00	1.280	0.10
23.33	0.04	5056.00	1.280	0.10
23.50	0.04	5056.00	1.280	0.10
23.66	0.04	5056.00	1.280	0.10
23.83	0.04	5056.00	1.280	0.10
24.00	0.04	5056.00	1.280	0.10

AHYMO.OUT

24.16	0.04	5056.00	1.280	0.10
24.33	0.03	5056.00	1.280	0.10
24.50	0.03	5056.00	1.280	0.10
24.66	0.03	5056.00	1.280	0.10
24.83	0.03	5056.00	1.280	0.10
25.00	0.03	5056.00	1.280	0.10
25.16	0.03	5056.00	1.280	0.10
25.33	0.03	5056.00	1.280	0.10
25.50	0.03	5056.00	1.280	0.10
25.66	0.03	5056.00	1.280	0.10
25.83	0.03	5056.00	1.280	0.10
26.00	0.03	5056.00	1.280	0.10
26.16	0.03	5056.00	1.280	0.10
26.33	0.03	5056.00	1.280	0.10
26.50	0.03	5056.00	1.280	0.10
26.66	0.03	5056.00	1.280	0.10
26.83	0.03	5056.00	1.280	0.10
27.00	0.03	5056.00	1.280	0.10
27.16	0.03	5056.00	1.280	0.10
27.33	0.02	5056.00	1.280	0.10
27.50	0.02	5056.00	1.280	0.10
27.66	0.02	5056.00	1.280	0.10
27.83	0.02	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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28.00	0.02	5056.00	1.280	0.10
28.16	0.02	5056.00	1.280	0.10
28.33	0.02	5056.00	1.280	0.10
28.50	0.02	5056.00	1.280	0.10
28.66	0.02	5056.00	1.280	0.10
28.83	0.02	5056.00	1.280	0.10
29.00	0.02	5056.00	1.280	0.10
29.16	0.02	5056.00	1.280	0.10
29.33	0.02	5056.00	1.280	0.10
29.50	0.02	5056.00	1.280	0.10
29.66	0.02	5056.00	1.280	0.10
29.83	0.02	5056.00	1.280	0.10
30.00	0.02	5056.00	1.280	0.10
30.16	0.02	5056.00	1.280	0.10
30.33	0.02	5056.00	1.280	0.10
30.50	0.02	5056.00	1.280	0.10
30.66	0.02	5056.00	1.280	0.10
30.83	0.02	5056.00	1.280	0.10
31.00	0.02	5056.00	1.280	0.10
31.16	0.02	5056.00	1.280	0.10
31.33	0.02	5056.00	1.280	0.10
31.50	0.02	5056.00	1.280	0.10
31.66	0.01	5056.00	1.280	0.10
31.83	0.01	5056.00	1.280	0.10
32.00	0.01	5056.00	1.280	0.10
32.16	0.01	5056.00	1.280	0.10
32.33	0.01	5056.00	1.280	0.10
32.50	0.01	5056.00	1.280	0.10
32.66	0.01	5056.00	1.280	0.10
32.83	0.01	5056.00	1.280	0.10

AHYMO.OUT

33.00	0.01	5056.00	1.280	0.10
33.16	0.01	5056.00	1.280	0.10
33.33	0.01	5056.00	1.280	0.10
33.50	0.01	5056.00	1.280	0.10
33.66	0.01	5056.00	1.280	0.10
33.83	0.01	5056.00	1.280	0.10
34.00	0.01	5056.00	1.280	0.10
34.16	0.01	5056.00	1.280	0.10
34.33	0.01	5056.00	1.280	0.10
34.50	0.01	5056.00	1.280	0.10
34.66	0.01	5056.00	1.280	0.10
34.83	0.01	5056.00	1.280	0.10
35.00	0.01	5056.00	1.280	0.10
35.16	0.01	5056.00	1.280	0.10
35.33	0.01	5056.00	1.280	0.10
35.50	0.01	5056.00	1.280	0.10
35.66	0.01	5056.00	1.280	0.10
35.83	0.01	5056.00	1.280	0.10
36.00	0.01	5056.00	1.280	0.10
36.16	0.01	5056.00	1.280	0.10
36.33	0.01	5056.00	1.280	0.10
36.50	0.01	5056.00	1.280	0.10
36.66	0.01	5056.00	1.280	0.10
36.83	0.01	5056.00	1.280	0.10
37.00	0.01	5056.00	1.280	0.10
37.16	0.01	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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37.33	0.01	5056.00	1.280	0.10
37.50	0.01	5056.00	1.280	0.10
37.66	0.01	5056.00	1.280	0.10
37.83	0.01	5056.00	1.280	0.10
38.00	0.01	5056.00	1.280	0.10
38.16	0.01	5056.00	1.280	0.10
38.33	0.01	5056.00	1.280	0.10
38.50	0.01	5056.00	1.280	0.10
38.66	0.01	5056.00	1.280	0.10
38.83	0.01	5056.00	1.280	0.10
39.00	0.01	5056.00	1.280	0.10
39.16	0.01	5056.00	1.280	0.10
39.33	0.01	5056.00	1.280	0.10
39.50	0.01	5056.00	1.280	0.10
39.66	0.01	5056.00	1.280	0.10
39.83	0.01	5056.00	1.280	0.10
40.00	0.01	5056.00	1.280	0.10
40.16	0.01	5056.00	1.280	0.10
40.33	0.01	5056.00	1.280	0.10
40.50	0.01	5056.00	1.280	0.10
40.66	0.01	5056.00	1.280	0.10
40.83	0.00	5056.00	1.280	0.10
41.00	0.00	5056.00	1.280	0.10
41.16	0.00	5056.00	1.280	0.10
41.33	0.00	5056.00	1.280	0.10
41.50	0.00	5056.00	1.280	0.10
41.66	0.00	5056.00	1.280	0.10

AHYMO.OUT

41.83	0.00	5056.00	1.280	0.10
42.00	0.00	5056.00	1.280	0.10
42.16	0.00	5056.00	1.280	0.10
42.33	0.00	5056.00	1.280	0.10
42.50	0.00	5056.00	1.280	0.10
42.66	0.00	5056.00	1.280	0.10
42.83	0.00	5056.00	1.280	0.10
43.00	0.00	5056.00	1.280	0.10
43.16	0.00	5056.00	1.280	0.10
43.33	0.00	5056.00	1.280	0.10
43.50	0.00	5056.00	1.280	0.10
43.66	0.00	5056.00	1.280	0.10
43.83	0.00	5056.00	1.280	0.10
44.00	0.00	5056.00	1.280	0.10
44.16	0.00	5056.00	1.280	0.10
44.33	0.00	5056.00	1.280	0.10
44.50	0.00	5056.00	1.280	0.10
44.66	0.00	5056.00	1.280	0.10
44.83	0.00	5056.00	1.280	0.10
45.00	0.00	5056.00	1.280	0.10
45.16	0.00	5056.00	1.280	0.10
45.33	0.00	5056.00	1.280	0.10
45.50	0.00	5056.00	1.280	0.10
45.66	0.00	5056.00	1.280	0.10
45.83	0.00	5056.00	1.280	0.10
46.00	0.00	5056.00	1.280	0.10
46.16	0.00	5056.00	1.280	0.10
46.33	0.00	5056.00	1.280	0.10
46.50	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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46.66	0.00	5056.00	1.280	0.10
46.83	0.00	5056.00	1.280	0.10
47.00	0.00	5056.00	1.280	0.10
47.16	0.00	5056.00	1.280	0.10
47.33	0.00	5056.00	1.280	0.10
47.50	0.00	5056.00	1.280	0.10
47.66	0.00	5056.00	1.280	0.10
47.83	0.00	5056.00	1.280	0.10
48.00	0.00	5056.00	1.280	0.10
48.16	0.00	5056.00	1.280	0.10
48.33	0.00	5056.00	1.280	0.10
48.50	0.00	5056.00	1.280	0.10
48.66	0.00	5056.00	1.280	0.10
48.83	0.00	5056.00	1.280	0.10
49.00	0.00	5056.00	1.280	0.10
49.16	0.00	5056.00	1.280	0.10
49.33	0.00	5056.00	1.280	0.10
49.50	0.00	5056.00	1.280	0.10
49.66	0.00	5056.00	1.280	0.10
49.83	0.00	5056.00	1.280	0.10
50.00	0.00	5056.00	1.280	0.10
50.16	0.00	5056.00	1.280	0.10
50.33	0.00	5056.00	1.280	0.10
50.49	0.00	5056.00	1.280	0.10

AHYMO.OUT

50.66	0.00	5056.00	1.280	0.10
50.83	0.00	5056.00	1.280	0.10
50.99	0.00	5056.00	1.280	0.10
51.16	0.00	5056.00	1.280	0.10
51.33	0.00	5056.00	1.280	0.10
51.49	0.00	5056.00	1.280	0.10
51.66	0.00	5056.00	1.280	0.10
51.83	0.00	5056.00	1.280	0.10
51.99	0.00	5056.00	1.280	0.10
52.16	0.00	5056.00	1.280	0.10
52.33	0.00	5056.00	1.280	0.10
52.49	0.00	5056.00	1.280	0.10
52.66	0.00	5056.00	1.280	0.10
52.83	0.00	5056.00	1.280	0.10
52.99	0.00	5056.00	1.280	0.10
53.16	0.00	5056.00	1.280	0.10
53.33	0.00	5056.00	1.280	0.10
53.49	0.00	5056.00	1.280	0.10
53.66	0.00	5056.00	1.280	0.10
53.83	0.00	5056.00	1.280	0.10
53.99	0.00	5056.00	1.280	0.10
54.16	0.00	5056.00	1.280	0.10
54.33	0.00	5056.00	1.280	0.10
54.49	0.00	5056.00	1.280	0.10
54.66	0.00	5056.00	1.280	0.10
54.83	0.00	5056.00	1.280	0.10
54.99	0.00	5056.00	1.280	0.10
55.16	0.00	5056.00	1.280	0.10
55.33	0.00	5056.00	1.280	0.10
55.49	0.00	5056.00	1.280	0.10
55.66	0.00	5056.00	1.280	0.10
55.83	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
55.99	0.00	5056.00	1.280	0.10
56.16	0.00	5056.00	1.280	0.10
56.33	0.00	5056.00	1.280	0.10
56.49	0.00	5056.00	1.280	0.10
56.66	0.00	5056.00	1.280	0.10
56.83	0.00	5056.00	1.280	0.10
56.99	0.00	5056.00	1.280	0.10
57.16	0.00	5056.00	1.280	0.10
57.33	0.00	5056.00	1.280	0.10
57.49	0.00	5056.00	1.280	0.10
57.66	0.00	5056.00	1.280	0.10
57.83	0.00	5056.00	1.280	0.10
57.99	0.00	5056.00	1.280	0.10
58.16	0.00	5056.00	1.280	0.10
58.33	0.00	5056.00	1.280	0.10
58.49	0.00	5056.00	1.280	0.10
58.66	0.00	5056.00	1.280	0.10
58.83	0.00	5056.00	1.280	0.10
58.99	0.00	5056.00	1.280	0.10
59.16	0.00	5056.00	1.280	0.10
59.33	0.00	5056.00	1.280	0.10

AHYMO.OUT

59.49	0.00	5056.00	1.280	0.10
59.66	0.00	5056.00	1.280	0.10
59.83	0.00	5056.00	1.280	0.10
59.99	0.00	5056.00	1.280	0.10
60.16	0.00	5056.00	1.280	0.10
60.33	0.00	5056.00	1.280	0.10
60.49	0.00	5056.00	1.280	0.10
60.66	0.00	5056.00	1.280	0.10
60.83	0.00	5056.00	1.280	0.10
60.99	0.00	5056.00	1.280	0.10
61.16	0.00	5056.00	1.280	0.10
61.33	0.00	5056.00	1.280	0.10
61.49	0.00	5056.00	1.280	0.10
61.66	0.00	5056.00	1.280	0.10
61.83	0.00	5056.00	1.280	0.10
61.99	0.00	5056.00	1.280	0.10
62.16	0.00	5056.00	1.280	0.10
62.33	0.00	5056.00	1.280	0.10
62.49	0.00	5056.00	1.280	0.10
62.66	0.00	5056.00	1.280	0.10
62.83	0.00	5056.00	1.280	0.10
62.99	0.00	5056.00	1.280	0.10
63.16	0.00	5056.00	1.280	0.10
63.33	0.00	5056.00	1.280	0.10
63.49	0.00	5056.00	1.280	0.10
63.66	0.00	5056.00	1.280	0.10
63.83	0.00	5056.00	1.280	0.10
63.99	0.00	5056.00	1.280	0.10
64.16	0.00	5056.00	1.280	0.10
64.33	0.00	5056.00	1.280	0.10
64.49	0.00	5056.00	1.280	0.10
64.66	0.00	5056.00	1.280	0.10
64.83	0.00	5056.00	1.280	0.10
64.99	0.00	5056.00	1.280	0.10
65.16	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
65.33	0.00	5056.00	1.280	0.10
65.49	0.00	5056.00	1.280	0.10
65.66	0.00	5056.00	1.280	0.10
65.83	0.00	5056.00	1.280	0.10
65.99	0.00	5056.00	1.280	0.10
66.16	0.00	5056.00	1.280	0.10
66.33	0.00	5056.00	1.280	0.10
66.49	0.00	5056.00	1.280	0.10
66.66	0.00	5056.00	1.280	0.10
66.83	0.00	5056.00	1.280	0.10
66.99	0.00	5056.00	1.280	0.10
67.16	0.00	5056.00	1.280	0.10
67.33	0.00	5056.00	1.280	0.10
67.49	0.00	5056.00	1.280	0.10
67.66	0.00	5056.00	1.280	0.10
67.83	0.00	5056.00	1.280	0.10
67.99	0.00	5056.00	1.280	0.10
68.16	0.00	5056.00	1.280	0.10

AHYMO.OUT

68.33	0.00	5056.00	1.280	0.10
68.49	0.00	5056.00	1.280	0.10
68.66	0.00	5056.00	1.280	0.10
68.83	0.00	5056.00	1.280	0.10
68.99	0.00	5056.00	1.280	0.10
69.16	0.00	5056.00	1.280	0.10
69.33	0.00	5056.00	1.280	0.10
69.49	0.00	5056.00	1.280	0.10
69.66	0.00	5056.00	1.280	0.10
69.83	0.00	5056.00	1.280	0.10
69.99	0.00	5056.00	1.280	0.10
70.16	0.00	5056.00	1.280	0.10
70.33	0.00	5056.00	1.280	0.10
70.49	0.00	5056.00	1.280	0.10
70.66	0.00	5056.00	1.280	0.10
70.83	0.00	5056.00	1.280	0.10
70.99	0.00	5056.00	1.280	0.10
71.16	0.00	5056.00	1.280	0.10
71.33	0.00	5056.00	1.280	0.10
71.49	0.00	5056.00	1.280	0.10
71.66	0.00	5056.00	1.280	0.10
71.83	0.00	5056.00	1.280	0.10
71.99	0.00	5056.00	1.280	0.10
72.16	0.00	5056.00	1.280	0.10
72.33	0.00	5056.00	1.280	0.10
72.49	0.00	5056.00	1.280	0.10
72.66	0.00	5056.00	1.280	0.10
72.83	0.00	5056.00	1.280	0.10
72.99	0.00	5056.00	1.280	0.10
73.16	0.00	5056.00	1.280	0.10
73.33	0.00	5056.00	1.280	0.10
73.49	0.00	5056.00	1.280	0.10
73.66	0.00	5056.00	1.280	0.10
73.83	0.00	5056.00	1.280	0.10
73.99	0.00	5056.00	1.280	0.10
74.16	0.00	5056.00	1.280	0.10
74.33	0.00	5056.00	1.280	0.10
74.49	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
74.66	0.00	5056.00	1.280	0.10
74.83	0.00	5056.00	1.280	0.10
74.99	0.00	5056.00	1.280	0.10
75.16	0.00	5056.00	1.280	0.10
75.33	0.00	5056.00	1.280	0.10
75.49	0.00	5056.00	1.280	0.10
75.66	0.00	5056.00	1.280	0.10
75.83	0.00	5056.00	1.280	0.10
75.99	0.00	5056.00	1.280	0.10
76.16	0.00	5056.00	1.280	0.10
76.33	0.00	5056.00	1.280	0.10
76.49	0.00	5056.00	1.280	0.10
76.66	0.00	5056.00	1.280	0.10
76.83	0.00	5056.00	1.280	0.10
76.99	0.00	5056.00	1.280	0.10

AHYMO.OUT

77.16	0.00	5056.00	1.280	0.10
77.33	0.00	5056.00	1.280	0.10
77.49	0.00	5056.00	1.280	0.10
77.66	0.00	5056.00	1.280	0.10
77.83	0.00	5056.00	1.280	0.10
77.99	0.00	5056.00	1.280	0.10
78.16	0.00	5056.00	1.280	0.10
78.33	0.00	5056.00	1.280	0.10
78.49	0.00	5056.00	1.280	0.10
78.66	0.00	5056.00	1.280	0.10
78.83	0.00	5056.00	1.280	0.10
78.99	0.00	5056.00	1.280	0.10
79.16	0.00	5056.00	1.280	0.10
79.33	0.00	5056.00	1.280	0.10
79.49	0.00	5056.00	1.280	0.10
79.66	0.00	5056.00	1.280	0.10
79.83	0.00	5056.00	1.280	0.10
79.99	0.00	5056.00	1.280	0.10
80.16	0.00	5056.00	1.280	0.10
80.33	0.00	5056.00	1.280	0.10
80.49	0.00	5056.00	1.280	0.10
80.66	0.00	5056.00	1.280	0.10
80.83	0.00	5056.00	1.280	0.10
80.99	0.00	5056.00	1.280	0.10
81.16	0.00	5056.00	1.280	0.10
81.33	0.00	5056.00	1.280	0.10
81.49	0.00	5056.00	1.280	0.10
81.66	0.00	5056.00	1.280	0.10
81.83	0.00	5056.00	1.280	0.10
81.99	0.00	5056.00	1.280	0.10
82.16	0.00	5056.00	1.280	0.10
82.33	0.00	5056.00	1.280	0.10
82.49	0.00	5056.00	1.280	0.10
82.66	0.00	5056.00	1.280	0.10
82.83	0.00	5056.00	1.280	0.10
82.99	0.00	5056.00	1.280	0.10
83.16	0.00	5056.00	1.280	0.10
83.33	0.00	5056.00	1.280	0.10
83.49	0.00	5056.00	1.280	0.10
83.66	0.00	5056.00	1.280	0.10
83.82	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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83.99	0.00	5056.00	1.280	0.10
84.16	0.00	5056.00	1.280	0.10
84.32	0.00	5056.00	1.280	0.10
84.49	0.00	5056.00	1.280	0.10
84.66	0.00	5056.00	1.280	0.10
84.82	0.00	5056.00	1.280	0.10
84.99	0.00	5056.00	1.280	0.10
85.16	0.00	5056.00	1.280	0.10
85.32	0.00	5056.00	1.280	0.10
85.49	0.00	5056.00	1.280	0.10
85.66	0.00	5056.00	1.280	0.10
85.82	0.00	5056.00	1.280	0.10

AHYMO.OUT

85.99	0.00	5056.00	1.280	0.10
86.16	0.00	5056.00	1.280	0.10
86.32	0.00	5056.00	1.280	0.10
86.49	0.00	5056.00	1.280	0.10
86.66	0.00	5056.00	1.280	0.10
86.82	0.00	5056.00	1.280	0.10
86.99	0.00	5056.00	1.280	0.10
87.16	0.00	5056.00	1.280	0.10
87.32	0.00	5056.00	1.280	0.10
87.49	0.00	5056.00	1.280	0.10
87.66	0.00	5056.00	1.280	0.10
87.82	0.00	5056.00	1.280	0.10
87.99	0.00	5056.00	1.280	0.10
88.16	0.00	5056.00	1.280	0.10
88.32	0.00	5056.00	1.280	0.10
88.49	0.00	5056.00	1.280	0.10
88.66	0.00	5056.00	1.280	0.10
88.82	0.00	5056.00	1.280	0.10
88.99	0.00	5056.00	1.280	0.10
89.16	0.00	5056.00	1.280	0.10
89.32	0.00	5056.00	1.280	0.10
89.49	0.00	5056.00	1.280	0.10
89.66	0.00	5056.00	1.280	0.10
89.82	0.00	5056.00	1.280	0.10
89.99	0.00	5056.00	1.280	0.10
90.16	0.00	5056.00	1.280	0.10
90.32	0.00	5056.00	1.280	0.10
90.49	0.00	5056.00	1.280	0.10
90.66	0.00	5056.00	1.280	0.10
90.82	0.00	5056.00	1.280	0.10
90.99	0.00	5056.00	1.280	0.10
91.16	0.00	5056.00	1.280	0.10
91.32	0.00	5056.00	1.280	0.10
91.49	0.00	5056.00	1.280	0.10
91.66	0.00	5056.00	1.280	0.10
91.82	0.00	5056.00	1.280	0.10
91.99	0.00	5056.00	1.280	0.10
92.16	0.00	5056.00	1.280	0.10
92.32	0.00	5056.00	1.280	0.10
92.49	0.00	5056.00	1.280	0.10
92.66	0.00	5056.00	1.280	0.10
92.82	0.00	5056.00	1.280	0.10
92.99	0.00	5056.00	1.280	0.10
93.16	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
93.32	0.00	5056.00	1.280	0.10
93.49	0.00	5056.00	1.280	0.10
93.66	0.00	5056.00	1.280	0.10
93.82	0.00	5056.00	1.280	0.10
93.99	0.00	5056.00	1.280	0.10
94.16	0.00	5056.00	1.280	0.10
94.32	0.00	5056.00	1.280	0.10
94.49	0.00	5056.00	1.280	0.10
94.66	0.00	5056.00	1.280	0.10

AHYMO.OUT

94.82	0.00	5056.00	1.280	0.10
94.99	0.00	5056.00	1.280	0.10
95.16	0.00	5056.00	1.280	0.10
95.32	0.00	5056.00	1.280	0.10
95.49	0.00	5056.00	1.280	0.10
95.66	0.00	5056.00	1.280	0.10
95.82	0.00	5056.00	1.280	0.10
95.99	0.00	5056.00	1.280	0.10
96.16	0.00	5056.00	1.280	0.10
96.32	0.00	5056.00	1.280	0.10
96.49	0.00	5056.00	1.280	0.10
96.66	0.00	5056.00	1.280	0.10
96.82	0.00	5056.00	1.280	0.10
96.99	0.00	5056.00	1.280	0.10
97.16	0.00	5056.00	1.280	0.10
97.32	0.00	5056.00	1.280	0.10
97.49	0.00	5056.00	1.280	0.10
97.66	0.00	5056.00	1.280	0.10
97.82	0.00	5056.00	1.280	0.10
97.99	0.00	5056.00	1.280	0.10
98.16	0.00	5056.00	1.280	0.10
98.32	0.00	5056.00	1.280	0.10
98.49	0.00	5056.00	1.280	0.10
98.66	0.00	5056.00	1.280	0.10
98.82	0.00	5056.00	1.280	0.10
98.99	0.00	5056.00	1.280	0.10
99.16	0.00	5056.00	1.280	0.10
99.32	0.00	5056.00	1.280	0.10
99.49	0.00	5056.00	1.280	0.10
99.66	0.00	5056.00	1.280	0.10
99.82	0.00	5056.00	1.280	0.10
99.99	0.00	5056.00	1.280	0.10
100.16	0.00	5056.00	1.280	0.10
100.32	0.00	5056.00	1.280	0.10
100.49	0.00	5056.00	1.280	0.10
100.66	0.00	5056.00	1.280	0.10
100.82	0.00	5056.00	1.280	0.10
100.99	0.00	5056.00	1.280	0.10
101.16	0.00	5056.00	1.280	0.10
101.32	0.00	5056.00	1.280	0.10
101.49	0.00	5056.00	1.280	0.10
101.66	0.00	5056.00	1.280	0.10
101.82	0.00	5056.00	1.280	0.10
101.99	0.00	5056.00	1.280	0.10
102.16	0.00	5056.00	1.280	0.10
102.32	0.00	5056.00	1.280	0.10
102.49	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
102.66	0.00	5056.00	1.280	0.10
102.82	0.00	5056.00	1.280	0.10
102.99	0.00	5056.00	1.280	0.10
103.16	0.00	5056.00	1.280	0.10
103.32	0.00	5056.00	1.280	0.10
103.49	0.00	5056.00	1.280	0.10

AHYMO.OUT

103.66	0.00	5056.00	1.280	0.10
103.82	0.00	5056.00	1.280	0.10
103.99	0.00	5056.00	1.280	0.10
104.16	0.00	5056.00	1.280	0.10
104.32	0.00	5056.00	1.280	0.10
104.49	0.00	5056.00	1.280	0.10
104.66	0.00	5056.00	1.280	0.10
104.82	0.00	5056.00	1.280	0.10
104.99	0.00	5056.00	1.280	0.10
105.16	0.00	5056.00	1.280	0.10
105.32	0.00	5056.00	1.280	0.10
105.49	0.00	5056.00	1.280	0.10
105.66	0.00	5056.00	1.280	0.10
105.82	0.00	5056.00	1.280	0.10
105.99	0.00	5056.00	1.280	0.10
106.16	0.00	5056.00	1.280	0.10
106.32	0.00	5056.00	1.280	0.10
106.49	0.00	5056.00	1.280	0.10
106.66	0.00	5056.00	1.280	0.10
106.82	0.00	5056.00	1.280	0.10
106.99	0.00	5056.00	1.280	0.10
107.16	0.00	5056.00	1.280	0.10
107.32	0.00	5056.00	1.280	0.10
107.49	0.00	5056.00	1.280	0.10
107.66	0.00	5056.00	1.280	0.10
107.82	0.00	5056.00	1.280	0.10
107.99	0.00	5056.00	1.280	0.10
108.16	0.00	5056.00	1.280	0.10
108.32	0.00	5056.00	1.280	0.10
108.49	0.00	5056.00	1.280	0.10
108.66	0.00	5056.00	1.280	0.10
108.82	0.00	5056.00	1.280	0.10
108.99	0.00	5056.00	1.280	0.10
109.16	0.00	5056.00	1.280	0.10
109.32	0.00	5056.00	1.280	0.10
109.49	0.00	5056.00	1.280	0.10
109.66	0.00	5056.00	1.280	0.10
109.82	0.00	5056.00	1.280	0.10
109.99	0.00	5056.00	1.280	0.10
110.16	0.00	5056.00	1.280	0.10
110.32	0.00	5056.00	1.280	0.10
110.49	0.00	5056.00	1.280	0.10
110.66	0.00	5056.00	1.280	0.10
110.82	0.00	5056.00	1.280	0.10
110.99	0.00	5056.00	1.280	0.10
111.16	0.00	5056.00	1.280	0.10
111.32	0.00	5056.00	1.280	0.10
111.49	0.00	5056.00	1.280	0.10
111.66	0.00	5056.00	1.280	0.10
111.82	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
111.99	0.00	5056.00	1.280	0.10
112.16	0.00	5056.00	1.280	0.10
112.32	0.00	5056.00	1.280	0.10

AHYMO.OUT

112.49	0.00	5056.00	1.280	0.10
112.66	0.00	5056.00	1.280	0.10
112.82	0.00	5056.00	1.280	0.10
112.99	0.00	5056.00	1.280	0.10
113.16	0.00	5056.00	1.280	0.10
113.32	0.00	5056.00	1.280	0.10
113.49	0.00	5056.00	1.280	0.10
113.66	0.00	5056.00	1.280	0.10
113.82	0.00	5056.00	1.280	0.10
113.99	0.00	5056.00	1.280	0.10
114.16	0.00	5056.00	1.280	0.10
114.32	0.00	5056.00	1.280	0.10
114.49	0.00	5056.00	1.280	0.10
114.66	0.00	5056.00	1.280	0.10
114.82	0.00	5056.00	1.280	0.10
114.99	0.00	5056.00	1.280	0.10
115.16	0.00	5056.00	1.280	0.10
115.32	0.00	5056.00	1.280	0.10
115.49	0.00	5056.00	1.280	0.10
115.66	0.00	5056.00	1.280	0.10
115.82	0.00	5056.00	1.280	0.10
115.99	0.00	5056.00	1.280	0.10
116.16	0.00	5056.00	1.280	0.10
116.32	0.00	5056.00	1.280	0.10
116.49	0.00	5056.00	1.280	0.10
116.66	0.00	5056.00	1.280	0.10
116.82	0.00	5056.00	1.280	0.10
116.99	0.00	5056.00	1.280	0.10
117.15	0.00	5056.00	1.280	0.10
117.32	0.00	5056.00	1.280	0.10
117.49	0.00	5056.00	1.280	0.10
117.65	0.00	5056.00	1.280	0.10
117.82	0.00	5056.00	1.280	0.10
117.99	0.00	5056.00	1.280	0.10
118.15	0.00	5056.00	1.280	0.10
118.32	0.00	5056.00	1.280	0.10
118.49	0.00	5056.00	1.280	0.10
118.65	0.00	5056.00	1.280	0.10
118.82	0.00	5056.00	1.280	0.10
118.99	0.00	5056.00	1.280	0.10
119.15	0.00	5056.00	1.280	0.10
119.32	0.00	5056.00	1.280	0.10
119.49	0.00	5056.00	1.280	0.10
119.65	0.00	5056.00	1.280	0.10
119.82	0.00	5056.00	1.280	0.10
119.99	0.00	5056.00	1.280	0.10
120.15	0.00	5056.00	1.280	0.10
120.32	0.00	5056.00	1.280	0.10
120.49	0.00	5056.00	1.280	0.10
120.65	0.00	5056.00	1.280	0.10
120.82	0.00	5056.00	1.280	0.10
120.99	0.00	5056.00	1.280	0.10
121.15	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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121.32	0.00	5056.00	1.280	0.10
121.49	0.00	5056.00	1.280	0.10
121.65	0.00	5056.00	1.280	0.10
121.82	0.00	5056.00	1.280	0.10
121.99	0.00	5056.00	1.280	0.10
122.15	0.00	5056.00	1.280	0.10
122.32	0.00	5056.00	1.280	0.10
122.49	0.00	5056.00	1.280	0.10
122.65	0.00	5056.00	1.280	0.10
122.82	0.00	5056.00	1.280	0.10
122.99	0.00	5056.00	1.280	0.10
123.15	0.00	5056.00	1.280	0.10
123.32	0.00	5056.00	1.280	0.10
123.49	0.00	5056.00	1.280	0.10
123.65	0.00	5056.00	1.280	0.10
123.82	0.00	5056.00	1.280	0.10
123.99	0.00	5056.00	1.280	0.10
124.15	0.00	5056.00	1.280	0.10
124.32	0.00	5056.00	1.280	0.10
124.49	0.00	5056.00	1.280	0.10
124.65	0.00	5056.00	1.280	0.10
124.82	0.00	5056.00	1.280	0.10
124.99	0.00	5056.00	1.280	0.10
125.15	0.00	5056.00	1.280	0.10
125.32	0.00	5056.00	1.280	0.10
125.49	0.00	5056.00	1.280	0.10
125.65	0.00	5056.00	1.280	0.10
125.82	0.00	5056.00	1.280	0.10
125.99	0.00	5056.00	1.280	0.10
126.15	0.00	5056.00	1.280	0.10
126.32	0.00	5056.00	1.280	0.10
126.49	0.00	5056.00	1.280	0.10
126.65	0.00	5056.00	1.280	0.10
126.82	0.00	5056.00	1.280	0.10
126.99	0.00	5056.00	1.280	0.10
127.15	0.00	5056.00	1.280	0.10
127.32	0.00	5056.00	1.280	0.10
127.49	0.00	5056.00	1.280	0.10
127.65	0.00	5056.00	1.280	0.10
127.82	0.00	5056.00	1.280	0.10
127.99	0.00	5056.00	1.280	0.10
128.15	0.00	5056.00	1.280	0.10
128.32	0.00	5056.00	1.280	0.10
128.49	0.00	5056.00	1.280	0.10
128.65	0.00	5056.00	1.280	0.10
128.82	0.00	5056.00	1.280	0.10
128.99	0.00	5056.00	1.280	0.10
129.15	0.00	5056.00	1.280	0.10
129.32	0.00	5056.00	1.280	0.10
129.49	0.00	5056.00	1.280	0.10
129.65	0.00	5056.00	1.280	0.10
129.82	0.00	5056.00	1.280	0.10
129.99	0.00	5056.00	1.280	0.10
130.15	0.00	5056.00	1.280	0.10
130.32	0.00	5056.00	1.280	0.10
130.49	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	AHYMO.OUT OUTFLOW (CFS)
130.65	0.00	5056.00	1.280	0.10
130.82	0.00	5056.00	1.280	0.10
130.99	0.00	5056.00	1.280	0.10
131.15	0.00	5056.00	1.280	0.10
131.32	0.00	5056.00	1.280	0.10
131.49	0.00	5056.00	1.280	0.10
131.65	0.00	5056.00	1.280	0.10
131.82	0.00	5056.00	1.280	0.10
131.99	0.00	5056.00	1.280	0.10
132.15	0.00	5056.00	1.280	0.10
132.32	0.00	5056.00	1.280	0.10
132.49	0.00	5056.00	1.280	0.10
132.65	0.00	5056.00	1.280	0.10
132.82	0.00	5056.00	1.280	0.10
132.99	0.00	5056.00	1.280	0.10
133.15	0.00	5056.00	1.280	0.10

PEAK DISCHARGE = 105.757 CFS - PEAK OCCURS AT HOUR 1.67
 MAXIMUM WATER SURFACE ELEVATION = 5058.988
 MAXIMUM STORAGE = 2.9624 AC-FT INCREMENTAL TIME= 0.033330HRS

*****48" SD INV OUT=5056.5

*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED C

*SEE SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)

*TOTAL FLOW FROM DRAINAGE POND OUTLET STRUCTURE TO S-2 STRUCTUR

PRINT HYD ID = 33

HYDROGRAPH FROM AREA OUTFLOW

FLOW	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS	FLOW CFS	TIME HRS
CFS	0.000	0.0	26.664	0.1	53.328	0.1	79.993
0.1	106.659	0.1	26.698	0.1	53.361	0.1	80.026
0.1	106.692	0.1	26.731	0.1	53.394	0.1	80.059
0.1	106.726	0.1	26.764	0.1	53.428	0.1	80.093
0.1	106.759	0.1	26.798	0.1	53.461	0.1	80.126
0.1	106.792	0.1	26.831	0.1	53.494	0.1	80.159
0.1	106.826	0.1	26.864	0.1	53.528	0.1	80.193
0.1	106.859	0.1	26.898	0.1	53.561	0.1	80.226
0.1	106.892	0.1	26.931	0.1	53.594	0.1	80.259
0.1	106.926	0.1	26.964	0.1	53.628	0.1	80.293
0.1	106.959	0.1	26.998	0.1	53.661	0.1	80.326
0.1	106.992	0.1					

				AHYMO.OUT			
	0.367	0.1	27.031	0.1	53.694	0.1	80.359
0.1	107.026	0.1					
	0.400	0.1	27.064	0.1	53.728	0.1	80.393
0.1	107.059	0.1					
	0.433	0.1	27.098	0.1	53.761	0.1	80.426
0.1	107.092	0.1					
	0.467	0.1	27.131	0.1	53.794	0.1	80.459
0.1	107.126	0.1					
	0.500	0.1	27.164	0.1	53.828	0.1	80.493
0.1	107.159	0.1					
	0.533	0.1	27.198	0.1	53.861	0.1	80.526
0.1	107.192	0.1					
	0.567	0.1	27.231	0.1	53.894	0.1	80.559
0.1	107.226	0.1					
	0.600	0.1	27.264	0.1	53.928	0.1	80.593
0.1	107.259	0.1					
	0.633	0.1	27.298	0.1	53.961	0.1	80.626
0.1	107.292	0.1					
	0.667	0.1	27.331	0.1	53.994	0.1	80.659
0.1	107.326	0.1					
	0.700	0.1	27.364	0.1	54.028	0.1	80.693
0.1	107.359	0.1					
	0.733	0.1	27.398	0.1	54.061	0.1	80.726
0.1	107.392	0.1					
	0.767	0.1	27.431	0.1	54.094	0.1	80.759
0.1	107.426	0.1					
	0.800	0.1	27.464	0.1	54.128	0.1	80.793
0.1	107.459	0.1					
	0.833	0.1	27.498	0.1	54.161	0.1	80.826
0.1	107.492	0.1					
	0.867	0.1	27.531	0.1	54.194	0.1	80.859
0.1	107.526	0.1					
	0.900	0.1	27.564	0.1	54.228	0.1	80.893
0.1	107.559	0.1					
	0.933	0.1	27.598	0.1	54.261	0.1	80.926
0.1	107.592	0.1					
	0.967	0.1	27.631	0.1	54.294	0.1	80.959
0.1	107.626	0.1					
	1.000	0.1	27.664	0.1	54.328	0.1	80.993
0.1	107.659	0.1					
	1.033	0.1	27.698	0.1	54.361	0.1	81.026
0.1	107.692	0.1					
	1.067	0.1	27.731	0.1	54.394	0.1	81.059
0.1	107.726	0.1					
	1.100	0.1	27.764	0.1	54.428	0.1	81.093
0.1	107.759	0.1					
	1.133	0.1	27.798	0.1	54.461	0.1	81.126
0.1	107.792	0.1					
	1.167	0.1	27.831	0.1	54.494	0.1	81.159
0.1	107.826	0.1					
	1.200	0.1	27.864	0.1	54.528	0.1	81.193
0.1	107.859	0.1					
	1.233	0.1	27.898	0.1	54.561	0.1	81.226
0.1	107.892	0.1					
	1.267	0.1	27.931	0.1	54.594	0.1	81.259
0.1	107.926	0.1					
	1.300	0.1	27.964	0.1	54.628	0.1	81.293

AHYMO.OUT							
0.1	107.959	0.1					
	1.333	0.1	27.998	0.1	54.661	0.1	81.326
0.1	107.992	0.1					
	1.367	0.1	28.031	0.1	54.694	0.1	81.359
0.1	108.026	0.1					
	1.400	0.1	28.064	0.1	54.728	0.1	81.393
0.1	108.059	0.1					
	1.433	0.1	28.098	0.1	54.761	0.1	81.426
0.1	108.092	0.1					
	1.467	0.1	28.131	0.1	54.794	0.1	81.459
0.1	108.126	0.1					
	1.500	9.2	28.164	0.1	54.828	0.1	81.493
0.1	108.159	0.1					
	1.533	67.4	28.198	0.1	54.861	0.1	81.526
0.1	108.192	0.1					
	1.567	86.9	28.231	0.1	54.894	0.1	81.559
0.1	108.226	0.1					
	1.600	97.4	28.264	0.1	54.928	0.1	81.593
0.1	108.259	0.1					
	1.633	103.7	28.297	0.1	54.961	0.1	81.626
0.1	108.292	0.1					
	1.666	105.8	28.331	0.1	54.994	0.1	81.659
0.1	108.326	0.1					
	1.700	104.3	28.364	0.1	55.028	0.1	81.693
0.1	108.359	0.1					
	1.733	100.8	28.397	0.1	55.061	0.1	81.726
0.1	108.392	0.1					
	1.766	96.5	28.431	0.1	55.094	0.1	81.759
0.1	108.426	0.1					
	1.800	91.9	28.464	0.1	55.128	0.1	81.793
0.1	108.459	0.1					
	1.833	86.9	28.497	0.1	55.161	0.1	81.826
0.1	108.492	0.1					
	1.866	80.4	28.531	0.1	55.194	0.1	81.859
0.1	108.526	0.1					
	1.900	73.9	28.564	0.1	55.228	0.1	81.893
0.1	108.559	0.1					
	1.933	67.7	28.597	0.1	55.261	0.1	81.926
0.1	108.592	0.1					
	1.966	61.9	28.631	0.1	55.294	0.1	81.959
0.1	108.626	0.1					
	2.000	49.2	28.664	0.1	55.328	0.1	81.993
0.1	108.659	0.1					
	2.033	39.1	28.697	0.1	55.361	0.1	82.026
0.1	108.692	0.1					
	2.066	31.4	28.731	0.1	55.394	0.1	82.059
0.1	108.726	0.1					
	2.100	25.6	28.764	0.1	55.428	0.1	82.093
0.1	108.759	0.1					
	2.133	21.2	28.797	0.1	55.461	0.1	82.126
0.1	108.792	0.1					
	2.166	17.9	28.831	0.1	55.494	0.1	82.159
0.1	108.826	0.1					
	2.200	15.2	28.864	0.1	55.528	0.1	82.193
0.1	108.859	0.1					
	2.233	13.2	28.897	0.1	55.561	0.1	82.226
0.1	108.892	0.1					

				AHYMO.OUT			
	2.266	11.5	28.931	0.1	55.594	0.1	82.259
0.1	108.926	0.1					
	2.300	10.2	28.964	0.1	55.627	0.1	82.293
0.1	108.959	0.1					
	2.333	9.1	28.997	0.1	55.661	0.1	82.326
0.1	108.992	0.1					
	2.366	8.1	29.031	0.1	55.694	0.1	82.359
0.1	109.026	0.1					
	2.400	7.4	29.064	0.1	55.727	0.1	82.393
0.1	109.059	0.1					
	2.433	6.7	29.097	0.1	55.761	0.1	82.426
0.1	109.092	0.1					
	2.466	6.0	29.131	0.1	55.794	0.1	82.459
0.1	109.126	0.1					
	2.500	5.5	29.164	0.1	55.827	0.1	82.493
0.1	109.159	0.1					
	2.533	5.0	29.197	0.1	55.861	0.1	82.526
0.1	109.192	0.1					
	2.566	4.5	29.231	0.1	55.894	0.1	82.559
0.1	109.226	0.1					
	2.600	4.1	29.264	0.1	55.927	0.1	82.593
0.1	109.259	0.1					
	2.633	3.7	29.297	0.1	55.961	0.1	82.626
0.1	109.292	0.1					
	2.666	3.4	29.331	0.1	55.994	0.1	82.659
0.1	109.326	0.1					
	2.700	3.1	29.364	0.1	56.027	0.1	82.693
0.1	109.359	0.1					
	2.733	2.9	29.397	0.1	56.061	0.1	82.726
0.1	109.392	0.1					
	2.766	2.7	29.431	0.1	56.094	0.1	82.759
0.1	109.426	0.1					
	2.800	2.5	29.464	0.1	56.127	0.1	82.793
0.1	109.459	0.1					
	2.833	2.3	29.497	0.1	56.161	0.1	82.826
0.1	109.492	0.1					
	2.866	2.1	29.531	0.1	56.194	0.1	82.859
0.1	109.526	0.1					
	2.900	1.9	29.564	0.1	56.227	0.1	82.893
0.1	109.559	0.1					
	2.933	1.8	29.597	0.1	56.261	0.1	82.926
0.1	109.592	0.1					
	2.966	1.7	29.631	0.1	56.294	0.1	82.959
0.1	109.626	0.1					
	3.000	1.5	29.664	0.1	56.327	0.1	82.993
0.1	109.659	0.1					
	3.033	1.4	29.697	0.1	56.361	0.1	83.026
0.1	109.692	0.1					
	3.066	1.3	29.731	0.1	56.394	0.1	83.059
0.1	109.726	0.1					
	3.100	1.3	29.764	0.1	56.427	0.1	83.093
0.1	109.759	0.1					
	3.133	1.2	29.797	0.1	56.461	0.1	83.126
0.1	109.792	0.1					
	3.166	1.1	29.831	0.1	56.494	0.1	83.159
0.1	109.826	0.1					
	3.200	1.0	29.864	0.1	56.527	0.1	83.193

AHYMO.OUT							
0.1	109.859	0.1					
	3.233	1.0	29.897	0.1	56.561	0.1	83.226
0.1	109.892	0.1					
	3.266	0.9	29.931	0.1	56.594	0.1	83.259
0.1	109.926	0.1					
	3.300	0.8	29.964	0.1	56.627	0.1	83.293
0.1	109.959	0.1					
	3.333	0.8	29.997	0.1	56.661	0.1	83.326
0.1	109.992	0.1					
	3.366	0.7	30.031	0.1	56.694	0.1	83.359
0.1	110.026	0.1					
	3.400	0.7	30.064	0.1	56.727	0.1	83.393
0.1	110.059	0.1					
	3.433	0.7	30.097	0.1	56.761	0.1	83.426
0.1	110.092	0.1					
	3.466	0.6	30.131	0.1	56.794	0.1	83.459
0.1	110.126	0.1					
	3.500	0.6	30.164	0.1	56.827	0.1	83.493
0.1	110.159	0.1					
	3.533	0.5	30.197	0.1	56.861	0.1	83.526
0.1	110.192	0.1					
	3.566	0.5	30.231	0.1	56.894	0.1	83.559
0.1	110.226	0.1					
	3.600	0.5	30.264	0.1	56.927	0.1	83.593
0.1	110.259	0.1					
	3.633	0.5	30.297	0.1	56.961	0.1	83.626
0.1	110.292	0.1					
	3.666	0.4	30.331	0.1	56.994	0.1	83.659
0.1	110.326	0.1					
	3.700	0.4	30.364	0.1	57.027	0.1	83.693
0.1	110.359	0.1					
	3.733	0.4	30.397	0.1	57.061	0.1	83.726
0.1	110.392	0.1					
	3.766	0.4	30.431	0.1	57.094	0.1	83.759
0.1	110.426	0.1					
	3.800	0.4	30.464	0.1	57.127	0.1	83.793
0.1	110.459	0.1					
	3.833	0.3	30.497	0.1	57.161	0.1	83.826
0.1	110.492	0.1					
	3.866	0.3	30.531	0.1	57.194	0.1	83.859
0.1	110.526	0.1					
	3.900	0.3	30.564	0.1	57.227	0.1	83.893
0.1	110.559	0.1					
	3.933	0.3	30.597	0.1	57.261	0.1	83.926
0.1	110.592	0.1					
	3.966	0.3	30.631	0.1	57.294	0.1	83.959
0.1	110.626	0.1					
	4.000	0.3	30.664	0.1	57.327	0.1	83.993
0.1	110.659	0.1					
	4.033	0.3	30.697	0.1	57.361	0.1	84.026
0.1	110.692	0.1					
	4.066	0.3	30.731	0.1	57.394	0.1	84.059
0.1	110.726	0.1					
	4.100	0.3	30.764	0.1	57.427	0.1	84.093
0.1	110.759	0.1					
	4.133	0.3	30.797	0.1	57.461	0.1	84.126
0.1	110.792	0.1					

				AHYMO.OUT			
	4.166	0.3	30.831	0.1	57.494	0.1	84.159
0.1	110.826	0.1					
	4.200	0.3	30.864	0.1	57.527	0.1	84.193
0.1	110.859	0.1					
	4.233	0.3	30.897	0.1	57.561	0.1	84.226
0.1	110.892	0.1					
	4.266	0.3	30.931	0.1	57.594	0.1	84.259
0.1	110.926	0.1					
	4.300	0.3	30.964	0.1	57.627	0.1	84.293
0.1	110.959	0.1					
	4.333	0.3	30.997	0.1	57.661	0.1	84.326
0.1	110.992	0.1					
	4.366	0.3	31.031	0.1	57.694	0.1	84.359
0.1	111.026	0.1					
	4.400	0.3	31.064	0.1	57.727	0.1	84.393
0.1	111.059	0.1					
	4.433	0.3	31.097	0.1	57.761	0.1	84.426
0.1	111.092	0.1					
	4.466	0.3	31.131	0.1	57.794	0.1	84.459
0.1	111.126	0.1					
	4.500	0.3	31.164	0.1	57.827	0.1	84.493
0.1	111.159	0.1					
	4.533	0.3	31.197	0.1	57.861	0.1	84.526
0.1	111.192	0.1					
	4.566	0.3	31.231	0.1	57.894	0.1	84.559
0.1	111.226	0.1					
	4.600	0.3	31.264	0.1	57.927	0.1	84.593
0.1	111.259	0.1					
	4.633	0.3	31.297	0.1	57.961	0.1	84.626
0.1	111.292	0.1					
	4.666	0.3	31.331	0.1	57.994	0.1	84.659
0.1	111.326	0.1					
	4.700	0.3	31.364	0.1	58.027	0.1	84.693
0.1	111.359	0.1					
	4.733	0.3	31.397	0.1	58.061	0.1	84.726
0.1	111.392	0.1					
	4.766	0.3	31.431	0.1	58.094	0.1	84.759
0.1	111.426	0.1					
	4.800	0.3	31.464	0.1	58.127	0.1	84.793
0.1	111.459	0.1					
	4.833	0.3	31.497	0.1	58.160	0.1	84.826
0.1	111.492	0.1					
	4.866	0.3	31.531	0.1	58.194	0.1	84.859
0.1	111.526	0.1					
	4.900	0.3	31.564	0.1	58.227	0.1	84.893
0.1	111.559	0.1					
	4.933	0.3	31.597	0.1	58.260	0.1	84.926
0.1	111.592	0.1					
	4.966	0.3	31.631	0.1	58.294	0.1	84.959
0.1	111.626	0.1					
	4.999	0.3	31.664	0.1	58.327	0.1	84.993
0.1	111.659	0.1					
	5.033	0.3	31.697	0.1	58.360	0.1	85.026
0.1	111.692	0.1					
	5.066	0.3	31.731	0.1	58.394	0.1	85.059
0.1	111.726	0.1					
	5.099	0.3	31.764	0.1	58.427	0.1	85.093

AHYMO.OUT							
0.1	111.759	0.1					
	5.133	0.3	31.797	0.1	58.460	0.1	85.126
0.1	111.792	0.1					
	5.166	0.3	31.831	0.1	58.494	0.1	85.159
0.1	111.826	0.1					
	5.199	0.3	31.864	0.1	58.527	0.1	85.193
0.1	111.859	0.1					
	5.233	0.3	31.897	0.1	58.560	0.1	85.226
0.1	111.892	0.1					
	5.266	0.3	31.931	0.1	58.594	0.1	85.259
0.1	111.926	0.1					
	5.299	0.3	31.964	0.1	58.627	0.1	85.293
0.1	111.959	0.1					
	5.333	0.3	31.997	0.1	58.660	0.1	85.326
0.1	111.992	0.1					
	5.366	0.3	32.031	0.1	58.694	0.1	85.359
0.1	112.026	0.1					
	5.399	0.3	32.064	0.1	58.727	0.1	85.393
0.1	112.059	0.1					
	5.433	0.3	32.097	0.1	58.760	0.1	85.426
0.1	112.092	0.1					
	5.466	0.3	32.131	0.1	58.794	0.1	85.459
0.1	112.126	0.1					
	5.499	0.3	32.164	0.1	58.827	0.1	85.493
0.1	112.159	0.1					
	5.533	0.3	32.197	0.1	58.860	0.1	85.526
0.1	112.192	0.1					
	5.566	0.3	32.231	0.1	58.894	0.1	85.559
0.1	112.226	0.1					
	5.599	0.3	32.264	0.1	58.927	0.1	85.593
0.1	112.259	0.1					
	5.633	0.3	32.297	0.1	58.960	0.1	85.626
0.1	112.292	0.1					
	5.666	0.3	32.331	0.1	58.994	0.1	85.659
0.1	112.326	0.1					
	5.699	0.3	32.364	0.1	59.027	0.1	85.693
0.1	112.359	0.1					
	5.733	0.3	32.397	0.1	59.060	0.1	85.726
0.1	112.392	0.1					
	5.766	0.3	32.431	0.1	59.094	0.1	85.759
0.1	112.426	0.1					
	5.799	0.3	32.464	0.1	59.127	0.1	85.793
0.1	112.459	0.1					
	5.833	0.3	32.497	0.1	59.160	0.1	85.826
0.1	112.492	0.1					
	5.866	0.3	32.530	0.1	59.194	0.1	85.859
0.1	112.526	0.1					
	5.899	0.3	32.564	0.1	59.227	0.1	85.893
0.1	112.559	0.1					
	5.933	0.3	32.597	0.1	59.260	0.1	85.926
0.1	112.592	0.1					
	5.966	0.3	32.630	0.1	59.294	0.1	85.959
0.1	112.626	0.1					
	5.999	0.3	32.664	0.1	59.327	0.1	85.993
0.1	112.659	0.1					
	6.033	0.3	32.697	0.1	59.360	0.1	86.026
0.1	112.692	0.1					

				AHYMO.OUT			
	6.066	0.3	32.730	0.1	59.394	0.1	86.059
0.1	112.726	0.1					
	6.099	0.3	32.764	0.1	59.427	0.1	86.093
0.1	112.759	0.1					
	6.133	0.3	32.797	0.1	59.460	0.1	86.126
0.1	112.792	0.1					
	6.166	0.3	32.830	0.1	59.494	0.1	86.159
0.1	112.826	0.1					
	6.199	0.2	32.864	0.1	59.527	0.1	86.193
0.1	112.859	0.1					
	6.233	0.2	32.897	0.1	59.560	0.1	86.226
0.1	112.892	0.1					
	6.266	0.2	32.930	0.1	59.594	0.1	86.259
0.1	112.926	0.1					
	6.299	0.2	32.964	0.1	59.627	0.1	86.293
0.1	112.959	0.1					
	6.333	0.2	32.997	0.1	59.660	0.1	86.326
0.1	112.992	0.1					
	6.366	0.1	33.030	0.1	59.694	0.1	86.359
0.1	113.026	0.1					
	6.399	0.1	33.064	0.1	59.727	0.1	86.393
0.1	113.059	0.1					
	6.433	0.1	33.097	0.1	59.760	0.1	86.426
0.1	113.092	0.1					
	6.466	0.1	33.130	0.1	59.794	0.1	86.459
0.1	113.126	0.1					
	6.499	0.1	33.164	0.1	59.827	0.1	86.493
0.1	113.159	0.1					
	6.533	0.1	33.197	0.1	59.860	0.1	86.526
0.1	113.192	0.1					
	6.566	0.1	33.230	0.1	59.894	0.1	86.559
0.1	113.226	0.1					
	6.599	0.1	33.264	0.1	59.927	0.1	86.593
0.1	113.259	0.1					
	6.633	0.1	33.297	0.1	59.960	0.1	86.626
0.1	113.292	0.1					
	6.666	0.1	33.330	0.1	59.994	0.1	86.659
0.1	113.326	0.1					
	6.699	0.1	33.364	0.1	60.027	0.1	86.693
0.1	113.359	0.1					
	6.733	0.1	33.397	0.1	60.060	0.1	86.726
0.1	113.392	0.1					
	6.766	0.1	33.430	0.1	60.094	0.1	86.759
0.1	113.426	0.1					
	6.799	0.1	33.464	0.1	60.127	0.1	86.793
0.1	113.459	0.1					
	6.833	0.1	33.497	0.1	60.160	0.1	86.826
0.1	113.492	0.1					
	6.866	0.1	33.530	0.1	60.194	0.1	86.859
0.1	113.526	0.1					
	6.899	0.1	33.564	0.1	60.227	0.1	86.893
0.1	113.559	0.1					
	6.933	0.1	33.597	0.1	60.260	0.1	86.926
0.1	113.592	0.1					
	6.966	0.1	33.630	0.1	60.294	0.1	86.959
0.1	113.626	0.1					
	6.999	0.1	33.664	0.1	60.327	0.1	86.993

AHYMO.OUT							
0.1	113.659	0.1					
	7.033	0.1	33.697	0.1	60.360	0.1	87.026
0.1	113.692	0.1					
	7.066	0.1	33.730	0.1	60.394	0.1	87.059
0.1	113.726	0.1					
	7.099	0.1	33.764	0.1	60.427	0.1	87.093
0.1	113.759	0.1					
	7.133	0.1	33.797	0.1	60.460	0.1	87.126
0.1	113.792	0.1					
	7.166	0.1	33.830	0.1	60.494	0.1	87.159
0.1	113.826	0.1					
	7.199	0.1	33.864	0.1	60.527	0.1	87.193
0.1	113.859	0.1					
	7.233	0.1	33.897	0.1	60.560	0.1	87.226
0.1	113.892	0.1					
	7.266	0.1	33.930	0.1	60.594	0.1	87.259
0.1	113.926	0.1					
	7.299	0.1	33.964	0.1	60.627	0.1	87.293
0.1	113.959	0.1					
	7.333	0.1	33.997	0.1	60.660	0.1	87.326
0.1	113.992	0.1					
	7.366	0.1	34.030	0.1	60.694	0.1	87.359
0.1	114.026	0.1					
	7.399	0.1	34.064	0.1	60.727	0.1	87.393
0.1	114.059	0.1					
	7.433	0.1	34.097	0.1	60.760	0.1	87.426
0.1	114.092	0.1					
	7.466	0.1	34.130	0.1	60.793	0.1	87.459
0.1	114.126	0.1					
	7.499	0.1	34.164	0.1	60.827	0.1	87.493
0.1	114.159	0.1					
	7.533	0.1	34.197	0.1	60.860	0.1	87.526
0.1	114.192	0.1					
	7.566	0.1	34.230	0.1	60.893	0.1	87.559
0.1	114.226	0.1					
	7.599	0.1	34.264	0.1	60.927	0.1	87.593
0.1	114.259	0.1					
	7.633	0.1	34.297	0.1	60.960	0.1	87.626
0.1	114.292	0.1					
	7.666	0.1	34.330	0.1	60.993	0.1	87.659
0.1	114.326	0.1					
	7.699	0.1	34.364	0.1	61.027	0.1	87.693
0.1	114.359	0.1					
	7.733	0.1	34.397	0.1	61.060	0.1	87.726
0.1	114.392	0.1					
	7.766	0.1	34.430	0.1	61.093	0.1	87.759
0.1	114.426	0.1					
	7.799	0.1	34.464	0.1	61.127	0.1	87.793
0.1	114.459	0.1					
	7.833	0.1	34.497	0.1	61.160	0.1	87.826
0.1	114.492	0.1					
	7.866	0.1	34.530	0.1	61.193	0.1	87.859
0.1	114.526	0.1					
	7.899	0.1	34.564	0.1	61.227	0.1	87.893
0.1	114.559	0.1					
	7.933	0.1	34.597	0.1	61.260	0.1	87.926
0.1	114.592	0.1					

				AHYMO.OUT			
	7.966	0.1	34.630	0.1	61.293	0.1	87.959
0.1	114.626	0.1					
	7.999	0.1	34.664	0.1	61.327	0.1	87.993
0.1	114.659	0.1					
	8.033	0.1	34.697	0.1	61.360	0.1	88.026
0.1	114.692	0.1					
	8.066	0.1	34.730	0.1	61.393	0.1	88.059
0.1	114.726	0.1					
	8.099	0.1	34.764	0.1	61.427	0.1	88.093
0.1	114.759	0.1					
	8.133	0.1	34.797	0.1	61.460	0.1	88.126
0.1	114.792	0.1					
	8.166	0.1	34.830	0.1	61.493	0.1	88.159
0.1	114.826	0.1					
	8.199	0.1	34.864	0.1	61.527	0.1	88.193
0.1	114.859	0.1					
	8.233	0.1	34.897	0.1	61.560	0.1	88.226
0.1	114.892	0.1					
	8.266	0.1	34.930	0.1	61.593	0.1	88.259
0.1	114.926	0.1					
	8.299	0.1	34.964	0.1	61.627	0.1	88.293
0.1	114.959	0.1					
	8.332	0.1	34.997	0.1	61.660	0.1	88.326
0.1	114.992	0.1					
	8.366	0.1	35.030	0.1	61.693	0.1	88.359
0.1	115.026	0.1					
	8.399	0.1	35.063	0.1	61.727	0.1	88.393
0.1	115.059	0.1					
	8.432	0.1	35.097	0.1	61.760	0.1	88.426
0.1	115.092	0.1					
	8.466	0.1	35.130	0.1	61.793	0.1	88.459
0.1	115.126	0.1					
	8.499	0.1	35.163	0.1	61.827	0.1	88.493
0.1	115.159	0.1					
	8.532	0.1	35.197	0.1	61.860	0.1	88.526
0.1	115.192	0.1					
	8.566	0.1	35.230	0.1	61.893	0.1	88.559
0.1	115.226	0.1					
	8.599	0.1	35.263	0.1	61.927	0.1	88.593
0.1	115.259	0.1					
	8.632	0.1	35.297	0.1	61.960	0.1	88.626
0.1	115.292	0.1					
	8.666	0.1	35.330	0.1	61.993	0.1	88.659
0.1	115.326	0.1					
	8.699	0.1	35.363	0.1	62.027	0.1	88.693
0.1	115.359	0.1					
	8.732	0.1	35.397	0.1	62.060	0.1	88.726
0.1	115.392	0.1					
	8.766	0.1	35.430	0.1	62.093	0.1	88.759
0.1	115.426	0.1					
	8.799	0.1	35.463	0.1	62.127	0.1	88.793
0.1	115.459	0.1					
	8.832	0.1	35.497	0.1	62.160	0.1	88.826
0.1	115.492	0.1					
	8.866	0.1	35.530	0.1	62.193	0.1	88.859
0.1	115.526	0.1					
	8.899	0.1	35.563	0.1	62.227	0.1	88.893

AHYMO.OUT							
0.1	115.559	0.1					
	8.932	0.1	35.597	0.1	62.260	0.1	88.926
0.1	115.592	0.1					
	8.966	0.1	35.630	0.1	62.293	0.1	88.959
0.1	115.626	0.1					
	8.999	0.1	35.663	0.1	62.327	0.1	88.993
0.1	115.659	0.1					
	9.032	0.1	35.697	0.1	62.360	0.1	89.026
0.1	115.692	0.1					
	9.066	0.1	35.730	0.1	62.393	0.1	89.059
0.1	115.726	0.1					
	9.099	0.1	35.763	0.1	62.427	0.1	89.093
0.1	115.759	0.1					
	9.132	0.1	35.797	0.1	62.460	0.1	89.126
0.1	115.792	0.1					
	9.166	0.1	35.830	0.1	62.493	0.1	89.159
0.1	115.826	0.1					
	9.199	0.1	35.863	0.1	62.527	0.1	89.193
0.1	115.859	0.1					
	9.232	0.1	35.897	0.1	62.560	0.1	89.226
0.1	115.892	0.1					
	9.266	0.1	35.930	0.1	62.593	0.1	89.259
0.1	115.926	0.1					
	9.299	0.1	35.963	0.1	62.627	0.1	89.293
0.1	115.959	0.1					
	9.332	0.1	35.997	0.1	62.660	0.1	89.326
0.1	115.992	0.1					
	9.366	0.1	36.030	0.1	62.693	0.1	89.359
0.1	116.026	0.1					
	9.399	0.1	36.063	0.1	62.727	0.1	89.393
0.1	116.059	0.1					
	9.432	0.1	36.097	0.1	62.760	0.1	89.426
0.1	116.092	0.1					
	9.466	0.1	36.130	0.1	62.793	0.1	89.459
0.1	116.126	0.1					
	9.499	0.1	36.163	0.1	62.827	0.1	89.493
0.1	116.159	0.1					
	9.532	0.1	36.197	0.1	62.860	0.1	89.526
0.1	116.192	0.1					
	9.566	0.1	36.230	0.1	62.893	0.1	89.559
0.1	116.226	0.1					
	9.599	0.1	36.263	0.1	62.927	0.1	89.593
0.1	116.259	0.1					
	9.632	0.1	36.297	0.1	62.960	0.1	89.626
0.1	116.292	0.1					
	9.666	0.1	36.330	0.1	62.993	0.1	89.659
0.1	116.326	0.1					
	9.699	0.1	36.363	0.1	63.027	0.1	89.693
0.1	116.359	0.1					
	9.732	0.1	36.397	0.1	63.060	0.1	89.726
0.1	116.392	0.1					
	9.766	0.1	36.430	0.1	63.093	0.1	89.759
0.1	116.426	0.1					
	9.799	0.1	36.463	0.1	63.127	0.1	89.793
0.1	116.459	0.1					
	9.832	0.1	36.497	0.1	63.160	0.1	89.826
0.1	116.492	0.1					

				AHYMO.OUT			
	9.866	0.1	36.530	0.1	63.193	0.1	89.859
0.1	116.526	0.1					
	9.899	0.1	36.563	0.1	63.227	0.1	89.893
0.1	116.559	0.1					
	9.932	0.1	36.597	0.1	63.260	0.1	89.926
0.1	116.592	0.1					
	9.966	0.1	36.630	0.1	63.293	0.1	89.959
0.1	116.626	0.1					
	9.999	0.1	36.663	0.1	63.326	0.1	89.993
0.1	116.659	0.1					
	10.032	0.1	36.697	0.1	63.360	0.1	90.026
0.1	116.692	0.1					
	10.066	0.1	36.730	0.1	63.393	0.1	90.059
0.1	116.726	0.1					
	10.099	0.1	36.763	0.1	63.426	0.1	90.093
0.1	116.759	0.1					
	10.132	0.1	36.797	0.1	63.460	0.1	90.126
0.1	116.792	0.1					
	10.166	0.1	36.830	0.1	63.493	0.1	90.159
0.1	116.826	0.1					
	10.199	0.1	36.863	0.1	63.526	0.1	90.193
0.1	116.859	0.1					
	10.232	0.1	36.897	0.1	63.560	0.1	90.226
0.1	116.892	0.1					
	10.266	0.1	36.930	0.1	63.593	0.1	90.259
0.1	116.926	0.1					
	10.299	0.1	36.963	0.1	63.626	0.1	90.293
0.1	116.959	0.1					
	10.332	0.1	36.997	0.1	63.660	0.1	90.326
0.1	116.992	0.1					
	10.366	0.1	37.030	0.1	63.693	0.1	90.359
0.1	117.026	0.1					
	10.399	0.1	37.063	0.1	63.726	0.1	90.393
0.1	117.059	0.1					
	10.432	0.1	37.097	0.1	63.760	0.1	90.426
0.1	117.092	0.1					
	10.466	0.1	37.130	0.1	63.793	0.1	90.459
0.1	117.126	0.1					
	10.499	0.1	37.163	0.1	63.826	0.1	90.493
0.1	117.159	0.1					
	10.532	0.1	37.197	0.1	63.860	0.1	90.526
0.1	117.192	0.1					
	10.566	0.1	37.230	0.1	63.893	0.1	90.559
0.1	117.226	0.1					
	10.599	0.1	37.263	0.1	63.926	0.1	90.593
0.1	117.259	0.1					
	10.632	0.1	37.297	0.1	63.960	0.1	90.626
0.1	117.292	0.1					
	10.666	0.1	37.330	0.1	63.993	0.1	90.659
0.1	117.326	0.1					
	10.699	0.1	37.363	0.1	64.026	0.1	90.693
0.1	117.359	0.1					
	10.732	0.1	37.397	0.1	64.060	0.1	90.726
0.1	117.392	0.1					
	10.766	0.1	37.430	0.1	64.093	0.1	90.759
0.1	117.426	0.1					
	10.799	0.1	37.463	0.1	64.126	0.1	90.793

AHYMO.OUT							
0.1	117.459	0.1					
	10.832	0.1	37.497	0.1	64.160	0.1	90.826
0.1	117.492	0.1					
	10.866	0.1	37.530	0.1	64.193	0.1	90.859
0.1	117.526	0.1					
	10.899	0.1	37.563	0.1	64.226	0.1	90.893
0.1	117.559	0.1					
	10.932	0.1	37.597	0.1	64.260	0.1	90.926
0.1	117.592	0.1					
	10.966	0.1	37.630	0.1	64.293	0.1	90.959
0.1	117.626	0.1					
	10.999	0.1	37.663	0.1	64.326	0.1	90.993
0.1	117.659	0.1					
	11.032	0.1	37.696	0.1	64.360	0.1	91.026
0.1	117.692	0.1					
	11.066	0.1	37.730	0.1	64.393	0.1	91.059
0.1	117.726	0.1					
	11.099	0.1	37.763	0.1	64.426	0.1	91.093
0.1	117.759	0.1					
	11.132	0.1	37.796	0.1	64.460	0.1	91.126
0.1	117.792	0.1					
	11.166	0.1	37.830	0.1	64.493	0.1	91.159
0.1	117.826	0.1					
	11.199	0.1	37.863	0.1	64.526	0.1	91.193
0.1	117.859	0.1					
	11.232	0.1	37.896	0.1	64.560	0.1	91.226
0.1	117.892	0.1					
	11.266	0.1	37.930	0.1	64.593	0.1	91.259
0.1	117.926	0.1					
	11.299	0.1	37.963	0.1	64.626	0.1	91.293
0.1	117.959	0.1					
	11.332	0.1	37.996	0.1	64.660	0.1	91.326
0.1	117.992	0.1					
	11.366	0.1	38.030	0.1	64.693	0.1	91.359
0.1	118.026	0.1					
	11.399	0.1	38.063	0.1	64.726	0.1	91.393
0.1	118.059	0.1					
	11.432	0.1	38.096	0.1	64.760	0.1	91.426
0.1	118.092	0.1					
	11.466	0.1	38.130	0.1	64.793	0.1	91.459
0.1	118.126	0.1					
	11.499	0.1	38.163	0.1	64.826	0.1	91.493
0.1	118.159	0.1					
	11.532	0.1	38.196	0.1	64.860	0.1	91.526
0.1	118.192	0.1					
	11.565	0.1	38.230	0.1	64.893	0.1	91.559
0.1	118.226	0.1					
	11.599	0.1	38.263	0.1	64.926	0.1	91.593
0.1	118.259	0.1					
	11.632	0.1	38.296	0.1	64.960	0.1	91.626
0.1	118.292	0.1					
	11.665	0.1	38.330	0.1	64.993	0.1	91.659
0.1	118.326	0.1					
	11.699	0.1	38.363	0.1	65.026	0.1	91.693
0.1	118.359	0.1					
	11.732	0.1	38.396	0.1	65.060	0.1	91.726
0.1	118.392	0.1					

				AHYMO.OUT			
	11.765	0.1	38.430	0.1	65.093	0.1	91.759
0.1	118.426	0.1					
	11.799	0.1	38.463	0.1	65.126	0.1	91.793
0.1	118.459	0.1					
	11.832	0.1	38.496	0.1	65.160	0.1	91.826
0.1	118.492	0.1					
	11.865	0.1	38.530	0.1	65.193	0.1	91.859
0.1	118.526	0.1					
	11.899	0.1	38.563	0.1	65.226	0.1	91.893
0.1	118.559	0.1					
	11.932	0.1	38.596	0.1	65.260	0.1	91.926
0.1	118.592	0.1					
	11.965	0.1	38.630	0.1	65.293	0.1	91.959
0.1	118.626	0.1					
	11.999	0.1	38.663	0.1	65.326	0.1	91.993
0.1	118.659	0.1					
	12.032	0.1	38.696	0.1	65.360	0.1	92.026
0.1	118.692	0.1					
	12.065	0.1	38.730	0.1	65.393	0.1	92.059
0.1	118.726	0.1					
	12.099	0.1	38.763	0.1	65.426	0.1	92.093
0.1	118.759	0.1					
	12.132	0.1	38.796	0.1	65.460	0.1	92.126
0.1	118.792	0.1					
	12.165	0.1	38.830	0.1	65.493	0.1	92.159
0.1	118.826	0.1					
	12.199	0.1	38.863	0.1	65.526	0.1	92.193
0.1	118.859	0.1					
	12.232	0.1	38.896	0.1	65.560	0.1	92.226
0.1	118.892	0.1					
	12.265	0.1	38.930	0.1	65.593	0.1	92.259
0.1	118.926	0.1					
	12.299	0.1	38.963	0.1	65.626	0.1	92.293
0.1	118.959	0.1					
	12.332	0.1	38.996	0.1	65.660	0.1	92.326
0.1	118.992	0.1					
	12.365	0.1	39.030	0.1	65.693	0.1	92.359
0.1	119.026	0.1					
	12.399	0.1	39.063	0.1	65.726	0.1	92.393
0.1	119.059	0.1					
	12.432	0.1	39.096	0.1	65.760	0.1	92.426
0.1	119.092	0.1					
	12.465	0.1	39.130	0.1	65.793	0.1	92.459
0.1	119.126	0.1					
	12.499	0.1	39.163	0.1	65.826	0.1	92.493
0.1	119.159	0.1					
	12.532	0.1	39.196	0.1	65.860	0.1	92.526
0.1	119.192	0.1					
	12.565	0.1	39.230	0.1	65.893	0.1	92.559
0.1	119.226	0.1					
	12.599	0.1	39.263	0.1	65.926	0.1	92.593
0.1	119.259	0.1					
	12.632	0.1	39.296	0.1	65.960	0.1	92.626
0.1	119.292	0.1					
	12.665	0.1	39.330	0.1	65.993	0.1	92.659
0.1	119.326	0.1					
	12.699	0.1	39.363	0.1	66.026	0.1	92.693

AHYMO.OUT							
0.1	119.359	0.1					
	12.732	0.1	39.396	0.1	66.060	0.1	92.726
0.1	119.392	0.1					
	12.765	0.1	39.430	0.1	66.093	0.1	92.759
0.1	119.426	0.1					
	12.799	0.1	39.463	0.1	66.126	0.1	92.793
0.1	119.459	0.1					
	12.832	0.1	39.496	0.1	66.160	0.1	92.826
0.1	119.492	0.1					
	12.865	0.1	39.530	0.1	66.193	0.1	92.859
0.1	119.526	0.1					
	12.899	0.1	39.563	0.1	66.226	0.1	92.893
0.1	119.559	0.1					
	12.932	0.1	39.596	0.1	66.260	0.1	92.926
0.1	119.592	0.1					
	12.965	0.1	39.630	0.1	66.293	0.1	92.959
0.1	119.626	0.1					
	12.999	0.1	39.663	0.1	66.326	0.1	92.993
0.1	119.659	0.1					
	13.032	0.1	39.696	0.1	66.360	0.1	93.026
0.1	119.692	0.1					
	13.065	0.1	39.730	0.1	66.393	0.1	93.059
0.1	119.726	0.1					
	13.099	0.1	39.763	0.1	66.426	0.1	93.093
0.1	119.759	0.1					
	13.132	0.1	39.796	0.1	66.460	0.1	93.126
0.1	119.792	0.1					
	13.165	0.1	39.830	0.1	66.493	0.1	93.159
0.1	119.826	0.1					
	13.199	0.1	39.863	0.1	66.526	0.1	93.193
0.1	119.859	0.1					
	13.232	0.1	39.896	0.1	66.560	0.1	93.226
0.1	119.892	0.1					
	13.265	0.1	39.930	0.1	66.593	0.1	93.259
0.1	119.926	0.1					
	13.299	0.1	39.963	0.1	66.626	0.1	93.293
0.1	119.959	0.1					
	13.332	0.1	39.996	0.1	66.660	0.1	93.326
0.1	119.992	0.1					
	13.365	0.1	40.030	0.1	66.693	0.1	93.359
0.1	120.026	0.1					
	13.399	0.1	40.063	0.1	66.726	0.1	93.393
0.1	120.059	0.1					
	13.432	0.1	40.096	0.1	66.760	0.1	93.426
0.1	120.092	0.1					
	13.465	0.1	40.130	0.1	66.793	0.1	93.459
0.1	120.126	0.1					
	13.499	0.1	40.163	0.1	66.826	0.1	93.493
0.1	120.159	0.1					
	13.532	0.1	40.196	0.1	66.860	0.1	93.526
0.1	120.192	0.1					
	13.565	0.1	40.229	0.1	66.893	0.1	93.559
0.1	120.226	0.1					
	13.599	0.1	40.263	0.1	66.926	0.1	93.593
0.1	120.259	0.1					
	13.632	0.1	40.296	0.1	66.960	0.1	93.626
0.1	120.292	0.1					

				AHYMO.OUT			
	13.665	0.1	40.329	0.1	66.993	0.1	93.659
0.1	120.326	0.1					
	13.699	0.1	40.363	0.1	67.026	0.1	93.693
0.1	120.359	0.1					
	13.732	0.1	40.396	0.1	67.060	0.1	93.726
0.1	120.392	0.1					
	13.765	0.1	40.429	0.1	67.093	0.1	93.759
0.1	120.426	0.1					
	13.799	0.1	40.463	0.1	67.126	0.1	93.793
0.1	120.459	0.1					
	13.832	0.1	40.496	0.1	67.160	0.1	93.826
0.1	120.492	0.1					
	13.865	0.1	40.529	0.1	67.193	0.1	93.859
0.1	120.526	0.1					
	13.899	0.1	40.563	0.1	67.226	0.1	93.893
0.1	120.559	0.1					
	13.932	0.1	40.596	0.1	67.260	0.1	93.926
0.1	120.592	0.1					
	13.965	0.1	40.629	0.1	67.293	0.1	93.959
0.1	120.626	0.1					
	13.999	0.1	40.663	0.1	67.326	0.1	93.993
0.1	120.659	0.1					
	14.032	0.1	40.696	0.1	67.360	0.1	94.026
0.1	120.692	0.1					
	14.065	0.1	40.729	0.1	67.393	0.1	94.059
0.1	120.726	0.1					
	14.099	0.1	40.763	0.1	67.426	0.1	94.093
0.1	120.759	0.1					
	14.132	0.1	40.796	0.1	67.460	0.1	94.126
0.1	120.792	0.1					
	14.165	0.1	40.829	0.1	67.493	0.1	94.159
0.1	120.826	0.1					
	14.199	0.1	40.863	0.1	67.526	0.1	94.193
0.1	120.859	0.1					
	14.232	0.1	40.896	0.1	67.560	0.1	94.226
0.1	120.892	0.1					
	14.265	0.1	40.929	0.1	67.593	0.1	94.259
0.1	120.926	0.1					
	14.299	0.1	40.963	0.1	67.626	0.1	94.293
0.1	120.959	0.1					
	14.332	0.1	40.996	0.1	67.660	0.1	94.326
0.1	120.992	0.1					
	14.365	0.1	41.029	0.1	67.693	0.1	94.359
0.1	121.026	0.1					
	14.399	0.1	41.063	0.1	67.726	0.1	94.393
0.1	121.059	0.1					
	14.432	0.1	41.096	0.1	67.760	0.1	94.426
0.1	121.092	0.1					
	14.465	0.1	41.129	0.1	67.793	0.1	94.459
0.1	121.126	0.1					
	14.499	0.1	41.163	0.1	67.826	0.1	94.493
0.1	121.159	0.1					
	14.532	0.1	41.196	0.1	67.860	0.1	94.526
0.1	121.192	0.1					
	14.565	0.1	41.229	0.1	67.893	0.1	94.559
0.1	121.226	0.1					
	14.599	0.1	41.263	0.1	67.926	0.1	94.593

AHYMO.OUT							
0.1	121.259	0.1					
	14.632	0.1	41.296	0.1	67.960	0.1	94.626
0.1	121.292	0.1					
	14.665	0.1	41.329	0.1	67.993	0.1	94.659
0.1	121.326	0.1					
	14.699	0.1	41.363	0.1	68.026	0.1	94.693
0.1	121.359	0.1					
	14.732	0.1	41.396	0.1	68.060	0.1	94.726
0.1	121.392	0.1					
	14.765	0.1	41.429	0.1	68.093	0.1	94.759
0.1	121.426	0.1					
	14.799	0.1	41.463	0.1	68.126	0.1	94.793
0.1	121.459	0.1					
	14.832	0.1	41.496	0.1	68.160	0.1	94.826
0.1	121.492	0.1					
	14.865	0.1	41.529	0.1	68.193	0.1	94.859
0.1	121.526	0.1					
	14.898	0.1	41.563	0.1	68.226	0.1	94.893
0.1	121.559	0.1					
	14.932	0.1	41.596	0.1	68.260	0.1	94.926
0.1	121.592	0.1					
	14.965	0.1	41.629	0.1	68.293	0.1	94.959
0.1	121.626	0.1					
	14.998	0.1	41.663	0.1	68.326	0.1	94.993
0.1	121.659	0.1					
	15.032	0.1	41.696	0.1	68.360	0.1	95.026
0.1	121.692	0.1					
	15.065	0.1	41.729	0.1	68.393	0.1	95.059
0.1	121.726	0.1					
	15.098	0.1	41.763	0.1	68.426	0.1	95.093
0.1	121.759	0.1					
	15.132	0.1	41.796	0.1	68.460	0.1	95.126
0.1	121.792	0.1					
	15.165	0.1	41.829	0.1	68.493	0.1	95.159
0.1	121.826	0.1					
	15.198	0.1	41.863	0.1	68.526	0.1	95.193
0.1	121.859	0.1					
	15.232	0.1	41.896	0.1	68.560	0.1	95.226
0.1	121.892	0.1					
	15.265	0.1	41.929	0.1	68.593	0.1	95.259
0.1	121.926	0.1					
	15.298	0.1	41.963	0.1	68.626	0.1	95.293
0.1	121.959	0.1					
	15.332	0.1	41.996	0.1	68.660	0.1	95.326
0.1	121.992	0.1					
	15.365	0.1	42.029	0.1	68.693	0.1	95.359
0.1	122.026	0.1					
	15.398	0.1	42.063	0.1	68.726	0.1	95.393
0.1	122.059	0.1					
	15.432	0.1	42.096	0.1	68.760	0.1	95.426
0.1	122.092	0.1					
	15.465	0.1	42.129	0.1	68.793	0.1	95.459
0.1	122.126	0.1					
	15.498	0.1	42.163	0.1	68.826	0.1	95.493
0.1	122.159	0.1					
	15.532	0.1	42.196	0.1	68.860	0.1	95.526
0.1	122.192	0.1					

				AHYMO.OUT			
	15.565	0.1	42.229	0.1	68.893	0.1	95.559
0.1	122.226	0.1					
	15.598	0.1	42.263	0.1	68.926	0.1	95.593
0.1	122.259	0.1					
	15.632	0.1	42.296	0.1	68.960	0.1	95.626
0.1	122.292	0.1					
	15.665	0.1	42.329	0.1	68.993	0.1	95.659
0.1	122.326	0.1					
	15.698	0.1	42.363	0.1	69.026	0.1	95.693
0.1	122.359	0.1					
	15.732	0.1	42.396	0.1	69.060	0.1	95.726
0.1	122.392	0.1					
	15.765	0.1	42.429	0.1	69.093	0.1	95.759
0.1	122.426	0.1					
	15.798	0.1	42.463	0.1	69.126	0.1	95.793
0.1	122.459	0.1					
	15.832	0.1	42.496	0.1	69.160	0.1	95.826
0.1	122.492	0.1					
	15.865	0.1	42.529	0.1	69.193	0.1	95.859
0.1	122.526	0.1					
	15.898	0.1	42.563	0.1	69.226	0.1	95.893
0.1	122.559	0.1					
	15.932	0.1	42.596	0.1	69.260	0.1	95.926
0.1	122.592	0.1					
	15.965	0.1	42.629	0.1	69.293	0.1	95.959
0.1	122.626	0.1					
	15.998	0.1	42.663	0.1	69.326	0.1	95.993
0.1	122.659	0.1					
	16.032	0.1	42.696	0.1	69.360	0.1	96.026
0.1	122.692	0.1					
	16.065	0.1	42.729	0.1	69.393	0.1	96.059
0.1	122.726	0.1					
	16.098	0.1	42.762	0.1	69.426	0.1	96.093
0.1	122.759	0.1					
	16.132	0.1	42.796	0.1	69.460	0.1	96.126
0.1	122.792	0.1					
	16.165	0.1	42.829	0.1	69.493	0.1	96.159
0.1	122.826	0.1					
	16.198	0.1	42.862	0.1	69.526	0.1	96.193
0.1	122.859	0.1					
	16.232	0.1	42.896	0.1	69.560	0.1	96.226
0.1	122.892	0.1					
	16.265	0.1	42.929	0.1	69.593	0.1	96.259
0.1	122.926	0.1					
	16.298	0.1	42.962	0.1	69.626	0.1	96.293
0.1	122.959	0.1					
	16.332	0.1	42.996	0.1	69.660	0.1	96.326
0.1	122.992	0.1					
	16.365	0.1	43.029	0.1	69.693	0.1	96.359
0.1	123.026	0.1					
	16.398	0.1	43.062	0.1	69.726	0.1	96.393
0.1	123.059	0.1					
	16.432	0.1	43.096	0.1	69.760	0.1	96.426
0.1	123.092	0.1					
	16.465	0.1	43.129	0.1	69.793	0.1	96.459
0.1	123.126	0.1					
	16.498	0.1	43.162	0.1	69.826	0.1	96.493

AHYMO.OUT							
0.1	123.159	0.1					
	16.532	0.1	43.196	0.1	69.860	0.1	96.526
0.1	123.192	0.1					
	16.565	0.1	43.229	0.1	69.893	0.1	96.559
0.1	123.226	0.1					
	16.598	0.1	43.262	0.1	69.926	0.1	96.593
0.1	123.259	0.1					
	16.632	0.1	43.296	0.1	69.960	0.1	96.626
0.1	123.292	0.1					
	16.665	0.1	43.329	0.1	69.993	0.1	96.659
0.1	123.326	0.1					
	16.698	0.1	43.362	0.1	70.026	0.1	96.693
0.1	123.359	0.1					
	16.732	0.1	43.396	0.1	70.060	0.1	96.726
0.1	123.392	0.1					
	16.765	0.1	43.429	0.1	70.093	0.1	96.759
0.1	123.425	0.1					
	16.798	0.1	43.462	0.1	70.126	0.1	96.793
0.1	123.459	0.1					
	16.832	0.1	43.496	0.1	70.160	0.1	96.826
0.1	123.492	0.1					
	16.865	0.1	43.529	0.1	70.193	0.1	96.859
0.1	123.525	0.1					
	16.898	0.1	43.562	0.1	70.226	0.1	96.893
0.1	123.559	0.1					
	16.932	0.1	43.596	0.1	70.260	0.1	96.926
0.1	123.592	0.1					
	16.965	0.1	43.629	0.1	70.293	0.1	96.959
0.1	123.625	0.1					
	16.998	0.1	43.662	0.1	70.326	0.1	96.993
0.1	123.659	0.1					
	17.032	0.1	43.696	0.1	70.360	0.1	97.026
0.1	123.692	0.1					
	17.065	0.1	43.729	0.1	70.393	0.1	97.059
0.1	123.725	0.1					
	17.098	0.1	43.762	0.1	70.426	0.1	97.093
0.1	123.759	0.1					
	17.132	0.1	43.796	0.1	70.460	0.1	97.126
0.1	123.792	0.1					
	17.165	0.1	43.829	0.1	70.493	0.1	97.159
0.1	123.825	0.1					
	17.198	0.1	43.862	0.1	70.526	0.1	97.193
0.1	123.859	0.1					
	17.232	0.1	43.896	0.1	70.560	0.1	97.226
0.1	123.892	0.1					
	17.265	0.1	43.929	0.1	70.593	0.1	97.259
0.1	123.925	0.1					
	17.298	0.1	43.962	0.1	70.626	0.1	97.293
0.1	123.959	0.1					
	17.332	0.1	43.996	0.1	70.660	0.1	97.326
0.1	123.992	0.1					
	17.365	0.1	44.029	0.1	70.693	0.1	97.359
0.1	124.025	0.1					
	17.398	0.1	44.062	0.1	70.726	0.1	97.393
0.1	124.059	0.1					
	17.432	0.1	44.096	0.1	70.760	0.1	97.426
0.1	124.092	0.1					

				AHYMO.OUT			
	17.465	0.1	44.129	0.1	70.793	0.1	97.459
0.1	124.125	0.1					
	17.498	0.1	44.162	0.1	70.826	0.1	97.493
0.1	124.159	0.1					
	17.532	0.1	44.196	0.1	70.860	0.1	97.526
0.1	124.192	0.1					
	17.565	0.1	44.229	0.1	70.893	0.1	97.559
0.1	124.225	0.1					
	17.598	0.1	44.262	0.1	70.926	0.1	97.593
0.1	124.259	0.1					
	17.632	0.1	44.296	0.1	70.960	0.1	97.626
0.1	124.292	0.1					
	17.665	0.1	44.329	0.1	70.993	0.1	97.659
0.1	124.325	0.1					
	17.698	0.1	44.362	0.1	71.026	0.1	97.693
0.1	124.359	0.1					
	17.732	0.1	44.396	0.1	71.060	0.1	97.726
0.1	124.392	0.1					
	17.765	0.1	44.429	0.1	71.093	0.1	97.759
0.1	124.425	0.1					
	17.798	0.1	44.462	0.1	71.126	0.1	97.793
0.1	124.459	0.1					
	17.832	0.1	44.496	0.1	71.160	0.1	97.826
0.1	124.492	0.1					
	17.865	0.1	44.529	0.1	71.193	0.1	97.859
0.1	124.525	0.1					
	17.898	0.1	44.562	0.1	71.226	0.1	97.893
0.1	124.559	0.1					
	17.932	0.1	44.596	0.1	71.260	0.1	97.926
0.1	124.592	0.1					
	17.965	0.1	44.629	0.1	71.293	0.1	97.959
0.1	124.625	0.1					
	17.998	0.1	44.662	0.1	71.326	0.1	97.993
0.1	124.659	0.1					
	18.032	0.1	44.696	0.1	71.360	0.1	98.026
0.1	124.692	0.1					
	18.065	0.1	44.729	0.1	71.393	0.1	98.059
0.1	124.725	0.1					
	18.098	0.1	44.762	0.1	71.426	0.1	98.093
0.1	124.759	0.1					
	18.132	0.1	44.796	0.1	71.460	0.1	98.126
0.1	124.792	0.1					
	18.165	0.1	44.829	0.1	71.493	0.1	98.159
0.1	124.825	0.1					
	18.198	0.1	44.862	0.1	71.526	0.1	98.193
0.1	124.859	0.1					
	18.232	0.1	44.896	0.1	71.560	0.1	98.226
0.1	124.892	0.1					
	18.265	0.1	44.929	0.1	71.593	0.1	98.259
0.1	124.925	0.1					
	18.298	0.1	44.962	0.1	71.626	0.1	98.293
0.1	124.959	0.1					
	18.332	0.1	44.996	0.1	71.660	0.1	98.326
0.1	124.992	0.1					
	18.365	0.1	45.029	0.1	71.693	0.1	98.359
0.1	125.025	0.1					
	18.398	0.1	45.062	0.1	71.726	0.1	98.393

AHYMO.OUT							
0.1	125.059	0.1					
	18.432	0.1	45.096	0.1	71.760	0.1	98.426
0.1	125.092	0.1					
	18.465	0.1	45.129	0.1	71.793	0.1	98.459
0.1	125.125	0.1					
	18.498	0.1	45.162	0.1	71.826	0.1	98.493
0.1	125.159	0.1					
	18.532	0.1	45.196	0.1	71.860	0.1	98.526
0.1	125.192	0.1					
	18.565	0.1	45.229	0.1	71.893	0.1	98.559
0.1	125.225	0.1					
	18.598	0.1	45.262	0.1	71.926	0.1	98.593
0.1	125.259	0.1					
	18.632	0.1	45.296	0.1	71.960	0.1	98.626
0.1	125.292	0.1					
	18.665	0.1	45.329	0.1	71.993	0.1	98.659
0.1	125.325	0.1					
	18.698	0.1	45.362	0.1	72.026	0.1	98.693
0.1	125.359	0.1					
	18.732	0.1	45.395	0.1	72.060	0.1	98.726
0.1	125.392	0.1					
	18.765	0.1	45.429	0.1	72.093	0.1	98.759
0.1	125.425	0.1					
	18.798	0.1	45.462	0.1	72.126	0.1	98.793
0.1	125.459	0.1					
	18.832	0.1	45.495	0.1	72.160	0.1	98.826
0.1	125.492	0.1					
	18.865	0.1	45.529	0.1	72.193	0.1	98.859
0.1	125.525	0.1					
	18.898	0.1	45.562	0.1	72.226	0.1	98.893
0.1	125.559	0.1					
	18.932	0.1	45.595	0.1	72.260	0.1	98.926
0.1	125.592	0.1					
	18.965	0.1	45.629	0.1	72.293	0.1	98.959
0.1	125.625	0.1					
	18.998	0.1	45.662	0.1	72.326	0.1	98.993
0.1	125.659	0.1					
	19.031	0.1	45.695	0.1	72.360	0.1	99.026
0.1	125.692	0.1					
	19.065	0.1	45.729	0.1	72.393	0.1	99.059
0.1	125.725	0.1					
	19.098	0.1	45.762	0.1	72.426	0.1	99.093
0.1	125.759	0.1					
	19.131	0.1	45.795	0.1	72.460	0.1	99.126
0.1	125.792	0.1					
	19.165	0.1	45.829	0.1	72.493	0.1	99.159
0.1	125.825	0.1					
	19.198	0.1	45.862	0.1	72.526	0.1	99.193
0.1	125.859	0.1					
	19.231	0.1	45.895	0.1	72.560	0.1	99.226
0.1	125.892	0.1					
	19.265	0.1	45.929	0.1	72.593	0.1	99.259
0.1	125.925	0.1					
	19.298	0.1	45.962	0.1	72.626	0.1	99.293
0.1	125.959	0.1					
	19.331	0.1	45.995	0.1	72.660	0.1	99.326
0.1	125.992	0.1					

				AHYMO.OUT			
	19.365	0.1	46.029	0.1	72.693	0.1	99.359
0.1	126.025	0.1					
	19.398	0.1	46.062	0.1	72.726	0.1	99.393
0.1	126.059	0.1					
	19.431	0.1	46.095	0.1	72.760	0.1	99.426
0.1	126.092	0.1					
	19.465	0.1	46.129	0.1	72.793	0.1	99.459
0.1	126.125	0.1					
	19.498	0.1	46.162	0.1	72.826	0.1	99.493
0.1	126.159	0.1					
	19.531	0.1	46.195	0.1	72.860	0.1	99.526
0.1	126.192	0.1					
	19.565	0.1	46.229	0.1	72.893	0.1	99.559
0.1	126.225	0.1					
	19.598	0.1	46.262	0.1	72.926	0.1	99.593
0.1	126.259	0.1					
	19.631	0.1	46.295	0.1	72.960	0.1	99.626
0.1	126.292	0.1					
	19.665	0.1	46.329	0.1	72.993	0.1	99.659
0.1	126.325	0.1					
	19.698	0.1	46.362	0.1	73.026	0.1	99.693
0.1	126.359	0.1					
	19.731	0.1	46.395	0.1	73.060	0.1	99.726
0.1	126.392	0.1					
	19.765	0.1	46.429	0.1	73.093	0.1	99.759
0.1	126.425	0.1					
	19.798	0.1	46.462	0.1	73.126	0.1	99.793
0.1	126.459	0.1					
	19.831	0.1	46.495	0.1	73.160	0.1	99.826
0.1	126.492	0.1					
	19.865	0.1	46.529	0.1	73.193	0.1	99.859
0.1	126.525	0.1					
	19.898	0.1	46.562	0.1	73.226	0.1	99.893
0.1	126.559	0.1					
	19.931	0.1	46.595	0.1	73.260	0.1	99.926
0.1	126.592	0.1					
	19.965	0.1	46.629	0.1	73.293	0.1	99.959
0.1	126.625	0.1					
	19.998	0.1	46.662	0.1	73.326	0.1	99.993
0.1	126.659	0.1					
	20.031	0.1	46.695	0.1	73.360	0.1	100.026
0.1	126.692	0.1					
	20.065	0.1	46.729	0.1	73.393	0.1	100.059
0.1	126.725	0.1					
	20.098	0.1	46.762	0.1	73.426	0.1	100.093
0.1	126.759	0.1					
	20.131	0.1	46.795	0.1	73.460	0.1	100.126
0.1	126.792	0.1					
	20.165	0.1	46.829	0.1	73.493	0.1	100.159
0.1	126.825	0.1					
	20.198	0.1	46.862	0.1	73.526	0.1	100.193
0.1	126.859	0.1					
	20.231	0.1	46.895	0.1	73.560	0.1	100.226
0.1	126.892	0.1					
	20.265	0.1	46.929	0.1	73.593	0.1	100.259
0.1	126.925	0.1					
	20.298	0.1	46.962	0.1	73.626	0.1	100.293

AHYMO.OUT							
0.1	126.959	0.1					
	20.331	0.1	46.995	0.1	73.660	0.1	100.326
0.1	126.992	0.1					
	20.365	0.1	47.029	0.1	73.693	0.1	100.359
0.1	127.025	0.1					
	20.398	0.1	47.062	0.1	73.726	0.1	100.393
0.1	127.059	0.1					
	20.431	0.1	47.095	0.1	73.760	0.1	100.426
0.1	127.092	0.1					
	20.465	0.1	47.129	0.1	73.793	0.1	100.459
0.1	127.125	0.1					
	20.498	0.1	47.162	0.1	73.826	0.1	100.493
0.1	127.159	0.1					
	20.531	0.1	47.195	0.1	73.860	0.1	100.526
0.1	127.192	0.1					
	20.565	0.1	47.229	0.1	73.893	0.1	100.559
0.1	127.225	0.1					
	20.598	0.1	47.262	0.1	73.926	0.1	100.593
0.1	127.259	0.1					
	20.631	0.1	47.295	0.1	73.960	0.1	100.626
0.1	127.292	0.1					
	20.665	0.1	47.329	0.1	73.993	0.1	100.659
0.1	127.325	0.1					
	20.698	0.1	47.362	0.1	74.026	0.1	100.693
0.1	127.359	0.1					
	20.731	0.1	47.395	0.1	74.060	0.1	100.726
0.1	127.392	0.1					
	20.765	0.1	47.429	0.1	74.093	0.1	100.759
0.1	127.425	0.1					
	20.798	0.1	47.462	0.1	74.126	0.1	100.793
0.1	127.459	0.1					
	20.831	0.1	47.495	0.1	74.160	0.1	100.826
0.1	127.492	0.1					
	20.865	0.1	47.529	0.1	74.193	0.1	100.859
0.1	127.525	0.1					
	20.898	0.1	47.562	0.1	74.226	0.1	100.893
0.1	127.559	0.1					
	20.931	0.1	47.595	0.1	74.260	0.1	100.926
0.1	127.592	0.1					
	20.965	0.1	47.629	0.1	74.293	0.1	100.959
0.1	127.625	0.1					
	20.998	0.1	47.662	0.1	74.326	0.1	100.993
0.1	127.659	0.1					
	21.031	0.1	47.695	0.1	74.360	0.1	101.026
0.1	127.692	0.1					
	21.065	0.1	47.729	0.1	74.393	0.1	101.059
0.1	127.725	0.1					
	21.098	0.1	47.762	0.1	74.426	0.1	101.093
0.1	127.759	0.1					
	21.131	0.1	47.795	0.1	74.460	0.1	101.126
0.1	127.792	0.1					
	21.165	0.1	47.829	0.1	74.493	0.1	101.159
0.1	127.825	0.1					
	21.198	0.1	47.862	0.1	74.526	0.1	101.193
0.1	127.859	0.1					
	21.231	0.1	47.895	0.1	74.560	0.1	101.226
0.1	127.892	0.1					

				AHYMO.OUT			
	21.265	0.1	47.928	0.1	74.593	0.1	101.259
0.1	127.925	0.1					
	21.298	0.1	47.962	0.1	74.626	0.1	101.293
0.1	127.959	0.1					
	21.331	0.1	47.995	0.1	74.660	0.1	101.326
0.1	127.992	0.1					
	21.365	0.1	48.028	0.1	74.693	0.1	101.359
0.1	128.025	0.1					
	21.398	0.1	48.062	0.1	74.726	0.1	101.393
0.1	128.059	0.1					
	21.431	0.1	48.095	0.1	74.760	0.1	101.426
0.1	128.092	0.1					
	21.465	0.1	48.128	0.1	74.793	0.1	101.459
0.1	128.125	0.1					
	21.498	0.1	48.162	0.1	74.826	0.1	101.493
0.1	128.159	0.1					
	21.531	0.1	48.195	0.1	74.860	0.1	101.526
0.1	128.192	0.1					
	21.565	0.1	48.228	0.1	74.893	0.1	101.559
0.1	128.225	0.1					
	21.598	0.1	48.262	0.1	74.926	0.1	101.592
0.1	128.259	0.1					
	21.631	0.1	48.295	0.1	74.960	0.1	101.626
0.1	128.292	0.1					
	21.665	0.1	48.328	0.1	74.993	0.1	101.659
0.1	128.325	0.1					
	21.698	0.1	48.362	0.1	75.026	0.1	101.692
0.1	128.359	0.1					
	21.731	0.1	48.395	0.1	75.060	0.1	101.726
0.1	128.392	0.1					
	21.765	0.1	48.428	0.1	75.093	0.1	101.759
0.1	128.425	0.1					
	21.798	0.1	48.462	0.1	75.126	0.1	101.792
0.1	128.459	0.1					
	21.831	0.1	48.495	0.1	75.160	0.1	101.826
0.1	128.492	0.1					
	21.865	0.1	48.528	0.1	75.193	0.1	101.859
0.1	128.525	0.1					
	21.898	0.1	48.562	0.1	75.226	0.1	101.892
0.1	128.559	0.1					
	21.931	0.1	48.595	0.1	75.260	0.1	101.926
0.1	128.592	0.1					
	21.965	0.1	48.628	0.1	75.293	0.1	101.959
0.1	128.625	0.1					
	21.998	0.1	48.662	0.1	75.326	0.1	101.992
0.1	128.659	0.1					
	22.031	0.1	48.695	0.1	75.360	0.1	102.026
0.1	128.692	0.1					
	22.065	0.1	48.728	0.1	75.393	0.1	102.059
0.1	128.725	0.1					
	22.098	0.1	48.762	0.1	75.426	0.1	102.092
0.1	128.759	0.1					
	22.131	0.1	48.795	0.1	75.460	0.1	102.126
0.1	128.792	0.1					
	22.165	0.1	48.828	0.1	75.493	0.1	102.159
0.1	128.825	0.1					
	22.198	0.1	48.862	0.1	75.526	0.1	102.192

AHYMO.OUT							
0.1	128.859	0.1					
	22.231	0.1	48.895	0.1	75.560	0.1	102.226
0.1	128.892	0.1					
	22.265	0.1	48.928	0.1	75.593	0.1	102.259
0.1	128.925	0.1					
	22.298	0.1	48.962	0.1	75.626	0.1	102.292
0.1	128.959	0.1					
	22.331	0.1	48.995	0.1	75.660	0.1	102.326
0.1	128.992	0.1					
	22.365	0.1	49.028	0.1	75.693	0.1	102.359
0.1	129.025	0.1					
	22.398	0.1	49.062	0.1	75.726	0.1	102.392
0.1	129.059	0.1					
	22.431	0.1	49.095	0.1	75.760	0.1	102.426
0.1	129.092	0.1					
	22.465	0.1	49.128	0.1	75.793	0.1	102.459
0.1	129.125	0.1					
	22.498	0.1	49.162	0.1	75.826	0.1	102.492
0.1	129.158	0.1					
	22.531	0.1	49.195	0.1	75.860	0.1	102.526
0.1	129.192	0.1					
	22.565	0.1	49.228	0.1	75.893	0.1	102.559
0.1	129.225	0.1					
	22.598	0.1	49.262	0.1	75.926	0.1	102.592
0.1	129.258	0.1					
	22.631	0.1	49.295	0.1	75.960	0.1	102.626
0.1	129.292	0.1					
	22.665	0.1	49.328	0.1	75.993	0.1	102.659
0.1	129.325	0.1					
	22.698	0.1	49.362	0.1	76.026	0.1	102.692
0.1	129.358	0.1					
	22.731	0.1	49.395	0.1	76.060	0.1	102.726
0.1	129.392	0.1					
	22.765	0.1	49.428	0.1	76.093	0.1	102.759
0.1	129.425	0.1					
	22.798	0.1	49.462	0.1	76.126	0.1	102.792
0.1	129.458	0.1					
	22.831	0.1	49.495	0.1	76.160	0.1	102.826
0.1	129.492	0.1					
	22.865	0.1	49.528	0.1	76.193	0.1	102.859
0.1	129.525	0.1					
	22.898	0.1	49.562	0.1	76.226	0.1	102.892
0.1	129.558	0.1					
	22.931	0.1	49.595	0.1	76.260	0.1	102.926
0.1	129.592	0.1					
	22.965	0.1	49.628	0.1	76.293	0.1	102.959
0.1	129.625	0.1					
	22.998	0.1	49.662	0.1	76.326	0.1	102.992
0.1	129.658	0.1					
	23.031	0.1	49.695	0.1	76.360	0.1	103.026
0.1	129.692	0.1					
	23.065	0.1	49.728	0.1	76.393	0.1	103.059
0.1	129.725	0.1					
	23.098	0.1	49.762	0.1	76.426	0.1	103.092
0.1	129.758	0.1					
	23.131	0.1	49.795	0.1	76.460	0.1	103.126
0.1	129.792	0.1					

				AHYMO.OUT			
	23.165	0.1	49.828	0.1	76.493	0.1	103.159
0.1	129.825	0.1					
	23.198	0.1	49.862	0.1	76.526	0.1	103.192
0.1	129.858	0.1					
	23.231	0.1	49.895	0.1	76.560	0.1	103.226
0.1	129.892	0.1					
	23.265	0.1	49.928	0.1	76.593	0.1	103.259
0.1	129.925	0.1					
	23.298	0.1	49.962	0.1	76.626	0.1	103.292
0.1	129.958	0.1					
	23.331	0.1	49.995	0.1	76.660	0.1	103.326
0.1	129.992	0.1					
	23.365	0.1	50.028	0.1	76.693	0.1	103.359
0.1	130.025	0.1					
	23.398	0.1	50.062	0.1	76.726	0.1	103.392
0.1	130.058	0.1					
	23.431	0.1	50.095	0.1	76.760	0.1	103.426
0.1	130.092	0.1					
	23.465	0.1	50.128	0.1	76.793	0.1	103.459
0.1	130.125	0.1					
	23.498	0.1	50.162	0.1	76.826	0.1	103.492
0.1	130.158	0.1					
	23.531	0.1	50.195	0.1	76.860	0.1	103.526
0.1	130.192	0.1					
	23.565	0.1	50.228	0.1	76.893	0.1	103.559
0.1	130.225	0.1					
	23.598	0.1	50.262	0.1	76.926	0.1	103.592
0.1	130.258	0.1					
	23.631	0.1	50.295	0.1	76.960	0.1	103.626
0.1	130.292	0.1					
	23.664	0.1	50.328	0.1	76.993	0.1	103.659
0.1	130.325	0.1					
	23.698	0.1	50.362	0.1	77.026	0.1	103.692
0.1	130.358	0.1					
	23.731	0.1	50.395	0.1	77.060	0.1	103.726
0.1	130.392	0.1					
	23.764	0.1	50.428	0.1	77.093	0.1	103.759
0.1	130.425	0.1					
	23.798	0.1	50.461	0.1	77.126	0.1	103.792
0.1	130.458	0.1					
	23.831	0.1	50.495	0.1	77.160	0.1	103.826
0.1	130.491	0.1					
	23.864	0.1	50.528	0.1	77.193	0.1	103.859
0.1	130.525	0.1					
	23.898	0.1	50.561	0.1	77.226	0.1	103.892
0.1	130.558	0.1					
	23.931	0.1	50.595	0.1	77.260	0.1	103.926
0.1	130.591	0.1					
	23.964	0.1	50.628	0.1	77.293	0.1	103.959
0.1	130.625	0.1					
	23.998	0.1	50.661	0.1	77.326	0.1	103.992
0.1	130.658	0.1					
	24.031	0.1	50.695	0.1	77.360	0.1	104.026
0.1	130.691	0.1					
	24.064	0.1	50.728	0.1	77.393	0.1	104.059
0.1	130.725	0.1					
	24.098	0.1	50.761	0.1	77.426	0.1	104.092

AHYMO.OUT							
0.1	130.758	0.1					
	24.131	0.1	50.795	0.1	77.460	0.1	104.126
0.1	130.791	0.1					
	24.164	0.1	50.828	0.1	77.493	0.1	104.159
0.1	130.825	0.1					
	24.198	0.1	50.861	0.1	77.526	0.1	104.192
0.1	130.858	0.1					
	24.231	0.1	50.895	0.1	77.560	0.1	104.226
0.1	130.891	0.1					
	24.264	0.1	50.928	0.1	77.593	0.1	104.259
0.1	130.925	0.1					
	24.298	0.1	50.961	0.1	77.626	0.1	104.292
0.1	130.958	0.1					
	24.331	0.1	50.995	0.1	77.660	0.1	104.326
0.1	130.991	0.1					
	24.364	0.1	51.028	0.1	77.693	0.1	104.359
0.1	131.025	0.1					
	24.398	0.1	51.061	0.1	77.726	0.1	104.392
0.1	131.058	0.1					
	24.431	0.1	51.095	0.1	77.760	0.1	104.426
0.1	131.091	0.1					
	24.464	0.1	51.128	0.1	77.793	0.1	104.459
0.1	131.125	0.1					
	24.498	0.1	51.161	0.1	77.826	0.1	104.492
0.1	131.158	0.1					
	24.531	0.1	51.195	0.1	77.860	0.1	104.526
0.1	131.191	0.1					
	24.564	0.1	51.228	0.1	77.893	0.1	104.559
0.1	131.225	0.1					
	24.598	0.1	51.261	0.1	77.926	0.1	104.592
0.1	131.258	0.1					
	24.631	0.1	51.295	0.1	77.960	0.1	104.626
0.1	131.291	0.1					
	24.664	0.1	51.328	0.1	77.993	0.1	104.659
0.1	131.325	0.1					
	24.698	0.1	51.361	0.1	78.026	0.1	104.692
0.1	131.358	0.1					
	24.731	0.1	51.395	0.1	78.060	0.1	104.726
0.1	131.391	0.1					
	24.764	0.1	51.428	0.1	78.093	0.1	104.759
0.1	131.425	0.1					
	24.798	0.1	51.461	0.1	78.126	0.1	104.792
0.1	131.458	0.1					
	24.831	0.1	51.495	0.1	78.160	0.1	104.826
0.1	131.491	0.1					
	24.864	0.1	51.528	0.1	78.193	0.1	104.859
0.1	131.525	0.1					
	24.898	0.1	51.561	0.1	78.226	0.1	104.892
0.1	131.558	0.1					
	24.931	0.1	51.595	0.1	78.260	0.1	104.926
0.1	131.591	0.1					
	24.964	0.1	51.628	0.1	78.293	0.1	104.959
0.1	131.625	0.1					
	24.998	0.1	51.661	0.1	78.326	0.1	104.992
0.1	131.658	0.1					
	25.031	0.1	51.695	0.1	78.360	0.1	105.026
0.1	131.691	0.1					

				AHYMO.OUT			
	25.064	0.1	51.728	0.1	78.393	0.1	105.059
0.1	131.725	0.1					
	25.098	0.1	51.761	0.1	78.426	0.1	105.092
0.1	131.758	0.1					
	25.131	0.1	51.795	0.1	78.460	0.1	105.126
0.1	131.791	0.1					
	25.164	0.1	51.828	0.1	78.493	0.1	105.159
0.1	131.824	0.1					
	25.198	0.1	51.861	0.1	78.526	0.1	105.192
0.1	131.858	0.1					
	25.231	0.1	51.895	0.1	78.560	0.1	105.226
0.1	131.891	0.1					
	25.264	0.1	51.928	0.1	78.593	0.1	105.259
0.1	131.924	0.1					
	25.298	0.1	51.961	0.1	78.626	0.1	105.292
0.1	131.958	0.1					
	25.331	0.1	51.995	0.1	78.660	0.1	105.326
0.1	131.991	0.1					
	25.364	0.1	52.028	0.1	78.693	0.1	105.359
0.1	132.024	0.1					
	25.398	0.1	52.061	0.1	78.726	0.1	105.392
0.1	132.058	0.1					
	25.431	0.1	52.095	0.1	78.760	0.1	105.426
0.1	132.091	0.1					
	25.464	0.1	52.128	0.1	78.793	0.1	105.459
0.1	132.124	0.1					
	25.498	0.1	52.161	0.1	78.826	0.1	105.492
0.1	132.158	0.1					
	25.531	0.1	52.195	0.1	78.860	0.1	105.526
0.1	132.191	0.1					
	25.564	0.1	52.228	0.1	78.893	0.1	105.559
0.1	132.224	0.1					
	25.598	0.1	52.261	0.1	78.926	0.1	105.592
0.1	132.258	0.1					
	25.631	0.1	52.295	0.1	78.960	0.1	105.626
0.1	132.291	0.1					
	25.664	0.1	52.328	0.1	78.993	0.1	105.659
0.1	132.324	0.1					
	25.698	0.1	52.361	0.1	79.026	0.1	105.692
0.1	132.358	0.1					
	25.731	0.1	52.395	0.1	79.060	0.1	105.726
0.1	132.391	0.1					
	25.764	0.1	52.428	0.1	79.093	0.1	105.759
0.1	132.424	0.1					
	25.798	0.1	52.461	0.1	79.126	0.1	105.792
0.1	132.458	0.1					
	25.831	0.1	52.495	0.1	79.160	0.1	105.826
0.1	132.491	0.1					
	25.864	0.1	52.528	0.1	79.193	0.1	105.859
0.1	132.524	0.1					
	25.898	0.1	52.561	0.1	79.226	0.1	105.892
0.1	132.558	0.1					
	25.931	0.1	52.595	0.1	79.260	0.1	105.926
0.1	132.591	0.1					
	25.964	0.1	52.628	0.1	79.293	0.1	105.959
0.1	132.624	0.1					
	25.998	0.1	52.661	0.1	79.326	0.1	105.992

AHYMO.OUT

0.1	132.658	0.1					
	26.031	0.1	52.695	0.1	79.360	0.1	106.026
0.1	132.691	0.1					
	26.064	0.1	52.728	0.1	79.393	0.1	106.059
0.1	132.724	0.1					
	26.098	0.1	52.761	0.1	79.426	0.1	106.092
0.1	132.758	0.1					
	26.131	0.1	52.795	0.1	79.460	0.1	106.126
0.1	132.791	0.1					
	26.164	0.1	52.828	0.1	79.493	0.1	106.159
0.1	132.824	0.1					
	26.198	0.1	52.861	0.1	79.526	0.1	106.192
0.1	132.858	0.1					
	26.231	0.1	52.895	0.1	79.560	0.1	106.226
0.1	132.891	0.1					
	26.264	0.1	52.928	0.1	79.593	0.1	106.259
0.1	132.924	0.1					
	26.298	0.1	52.961	0.1	79.626	0.1	106.292
0.1	132.958	0.1					
	26.331	0.1	52.995	0.1	79.660	0.1	106.326
0.1	132.991	0.1					
	26.364	0.1	53.028	0.1	79.693	0.1	106.359
0.1	133.024	0.1					
	26.398	0.1	53.061	0.1	79.726	0.1	106.392
0.1	133.058	0.1					
	26.431	0.1	53.094	0.1	79.759	0.1	106.426
0.1	133.091	0.1					
	26.464	0.1	53.128	0.1	79.793	0.1	106.459
0.1	133.124	0.1					
	26.498	0.1	53.161	0.1	79.826	0.1	106.492
0.1	133.158	0.1					
	26.531	0.1	53.194	0.1	79.859	0.1	106.526
0.1	133.191	0.1					
	26.564	0.1	53.228	0.1	79.893	0.1	106.559
0.1	133.224	0.1					
	26.598	0.1	53.261	0.1	79.926	0.1	106.592
0.1	133.257	0.1					
	26.631	0.1	53.294	0.1	79.959	0.1	106.626
0.1	133.291	0.1					

RUNOFF VOLUME = 0.96854 INCHES = 5.4541 ACRE-FEET
 PEAK DISCHARGE RATE = 105.76 CFS AT 1.667 HOURS BASIN AREA = 0.1056 SQ. MI.

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 13:19:28

⏏(s10H

FULL BUILD OUT CONDITION


```

*2345678901234567890
*
* 100 year, 24 hour storm
*
* Future Full Build Out
* For Phase 1 Conditions, Please reference J08D003A for Phase 1 AHYMO files
*
* HMCJ JOB NUMBER 2014.184.4
* APS NORTHWEST EDUCATION CORRIDOR
*
*
START          TIME = 0.0 HR PUNCH CODE = 0 PRINT LINES = -1
*
* RAINFALL DATA FROM NOAA Atlas 14, Volume 1, Version 5
*
RAINFALL      TYPE = 1 RAIN QUARTER = 0.0
              RAIN ONE = 1.80 IN RAIN SIX = 2.31 IN
              RAIN DAY = 2.62 IN DT = 0.03333
*
* COMPUTE DEVELOPED 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF DEVELOPED FULL-
BUILD OUT CONDITION(ON-SITE)
*
* BASIN L9.2A-1
*
COMPUTE NM HYD ID = 1 HYD NO = L9.2A_1 AREA = 0.03288 SQ MI
              PER A = 0.00 PER B = 12.95 PER C = 12.95 PER D = 74.1
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD      ID = 1 CODE = 1
*
* BASIN L9.2A-2
*
COMPUTE NM HYD ID = 2 HYD NO = L9.2A_2 AREA = 0.02071 SQ MI
              PER A = 0.00 PER B = 45.63 PER C = 31.58 PER D = 22.79
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD      ID = 2 CODE = 1
*
* BASIN L9.2A-3
*
COMPUTE NM HYD ID = 3 HYD NO = L9.2A_3 AREA = 0.00329 SQ MI
              PER A = 0.00 PER B = 80.00 PER C = 20.00 PER D = 00.00
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD      ID = 3 CODE = 1
*
* BASIN L9.2A-4
*
COMPUTE NM HYD ID = 4 HYD NO = L9.2A_4 AREA = 0.00388 SQ MI
              PER A = 0.00 PER B = 50.00 PER C = 50.00 PER D = 00.00
              TP = -0.13333 HRS MASS RAIN = -1
PRINT HYD      ID = 4 CODE = 1
*
* BASIN L9.2A-5
*
COMPUTE NM HYD ID = 5 HYD NO = L9.2A_5 AREA = 0.01090 SQ MI

```

PER A = 0.00 PER B = 22.53 PER C = 22.53 PER D = 54.94

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 5 CODE = 1

*

* BASIN L9.2A-6

*

COMPUTE NM HYD ID = 6 HYD NO = L9.2A_6 AREA = 0.02169 SQ MI

PER A = 0.00 PER B = 11.52 PER C = 11.52 PER D = 76.96

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 6 CODE = 1

*

* BASIN L7.1A

*

COMPUTE NM HYD ID = 7 HYD NO = L7.1A AREA = 0.00575 SQ MI

PER A = 0.00 PER B = 45.76 PER C = 45.76 PER D = 08.48

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 7 CODE = 1

*

* BASIN UD.4A (SITE)

*

COMPUTE NM HYD ID = 8 HYD NO = UD.4A AREA = 0.00955 SQ MI

PER A = 0.00 PER B = 38.22 PER C = 38.22 PER D = 23.56

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 8 CODE = 1

*

* BASIN L9.1B_1

*

COMPUTE NM HYD ID = 9 HYD NO = L9.1B_1 AREA = 0.00720 SQ MI

PER A = 0.00 PER B = 46.78 PER C = 46.78 PER D = 06.44

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 9 CODE = 1

*

* BASIN L9.1B_2

*

COMPUTE NM HYD ID = 10 HYD NO = L9.1B_2 AREA = 0.00462 SQ MI

PER A = 0.00 PER B = 40.11 PER C = 40.11 PER D = 19.78

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 10 CODE = 1

*

* BASIN L9.1B_3

*

COMPUTE NM HYD ID = 11 HYD NO = L9.1B_3 AREA = 0.00839 SQ MI

PER A = 0.00 PER B = 18.18 PER C = 18.18 PER D = 63.64

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 11 CODE = 1

*

* BASIN L9.2B

*

COMPUTE NM HYD ID = 12 HYD NO = L9.2B AREA = 0.01274 SQ MI

PER A = 0.00 PER B = 42.49 PER C = 42.49 PER D = 15.02

TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID = 12 CODE = 1

*

* BASIN L12.19D/20A

*

COMPUTE NM HYD ID = 13 HYD NO = L12.19D/20A AREA = 0.00426 SQ MI
PER A = 0.00 PER B = 43.05 PER C = 43.05 PER D = 13.90
TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=13 CODE = 1

*

* COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF ADJACENT OFFSITE BASINS
* BASIN L9.1A

*

COMPUTE NM HYD ID = 14 HYD NO = L9.1AOFF AREA = 0.09675 SQ MI
PER A = 91.9 PER B = 0.0 PER C = 8.1 PER D = 0.0
TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=14 CODE = 1

*

* BASIN L9.2AOFF

*

COMPUTE NM HYD ID = 15 HYD NO = L9.2AOFF AREA = 0.003203 SQ MI
PER A = 0.00 PER B = 0.00 PER C = 100.0 PER D = 0.00
TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=15 CODE = 1

*

* BASIN L9.1BOFF

*

COMPUTE NM HYD ID = 16 HYD NO = L9.1BOFF AREA = 0.046265 SQ MI
PER A = 75.0 PER B = 25.00 PER C = 00.0 PER D = 0.00
TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=16 CODE = 1

*

* BASIN UD.4OFF

*

COMPUTE NM HYD ID = 17 HYD NO = UD.4OFF AREA = 0.00072 SQ MI
PER A = 0.00 PER B = 0.00 PER C = 0.00 PER D = 100.00
TP = -0.13333 HRS MASS RAIN = -1

PRINT HYD ID=17 CODE = 1

*

*

*COMBINE DEVELOPED BASINS L9.2A-1, L9.2A-2, L9.2A-3, L9.2A-4, L9.2A-5, L9.2A-6, AND L7.1A (AHYMO
IDS 1-7)

*TO DETERMINE TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

ADD HYD ID = 18 HYD NO = BASIN_2T ID = 1 ID = 2
ADD HYD ID = 19 HYD NO = BASIN_3T ID = 18 ID = 3
ADD HYD ID = 20 HYD NO = BASIN_4T ID = 19 ID = 4
ADD HYD ID = 21 HYD NO = BASIN_5T ID = 20 ID = 5
ADD HYD ID = 22 HYD NO = BASIN_6T ID = 21 ID = 6
ADD HYD ID = 23 HYD NO = BASIN_7T ID = 22 ID = 7

*

*TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

PRINT HYD ID = 23 CODE = 1

*

* SDMH SPLITTER RUNOFF DIVERTED TO S-1 STRUCTURE (ID=24) = 103.6 CFS AND RUNOFF TO L9.2B
POND (ID=25) = 121.8 CFS

*

DIVIDE HYD ID = 23 Q=103.6 ID I = 24 HYD NO = TO_S1
ID II= 25 HYD NO = TO_POND

```

*
PRINT HYD      ID = 24 CODE = 1
PRINT HYD      ID = 25 CODE = 1
*
*
*   COMBINE BASIN L9.1BOFF AND BASIN L9.1B FLOWS  TO DETERMINE TOTAL FLOWS THAT ENTERS
L9.1B-1 POND
ADD HYD      ID = 26  HYD NO = BASIN_8T ID = 9  ID = 16
*ROUTE TOTAL FLOW THROUGH POND LOCATED IN L9.1B-1 THAT DISCHARGES INTO NEW SD
SYSTEM
ROUTE RESERVOIR  ID = 27  HYD NO = OUTFLOW INFLOW ID = 26 CODE = 5
      OUTFLOW (CFS)  STORAGE(AC FT)  ELEV(FT)
      0.0      0.0      5009
      0.1      0.07     5010
      0.1      0.16     5011
      28.26    0.22     5011.5
      67.96    0.29     5012
      75.98    0.44     5013
*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED
CONDITION. FOR OUTLET ANALYSIS
*SEE  SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)
*
*****COMBINE REMAINING CONTRIBUTING BASINS L9.1B BASINS, BASIN L12.19D/20A, BASIN L9.2B
AND RUNOFF FROM SDMH SPLITTER. (IDS 10,11,12,13,25,AND 27)
ADD HYD      ID = 28  HYD NO = BASIN_9T ID = 27  ID = 10
ADD HYD      ID = 29  HYD NO = BASIN_10T ID = 28  ID = 11
ADD HYD      ID = 30  HYD NO = BASIN_11T ID = 29  ID = 13
ADD HYD      ID = 31  HYD NO = BASIN_12T ID = 30  ID = 12
ADD HYD      ID = 32  HYD NO = BASIN_13T ID = 31  ID = 25
PRINT HYD      ID = 32 CODE = 1
*ROUTE THROUGH BASIN L9.2B POND TO DETERMINE MAX DISCHARGE TO S-2 STRUCTURE
ROUTE RESERVOIR  ID = 33  HYD NO = OUTFLOW INFLOW ID = 32 CODE = 5
      OUTFLOW (CFS)  STORAGE(AC FT)  ELEV(FT)
      0.1      0.00     5053
      0.1      0.38     5054
      0.1      0.81     5055
      0.1      1.28     5056
      61.50    1.79     5057
      86.50    2.36     5058
      106.0    2.97     5059
      110.0    3.63     5060
      122.7    4.35     5061
*****48" SD INV OUT=5056.5
*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED
CONDITION. FOR OUTLET ANALYSIS
*SEE  SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)
*TOTAL FLOW FROM DRAINAGE POND OUTLET STRUCTURE TO S-2 STRUCTURE
PRINT HYD      ID = 33
FINISH

```

[(s16.66H

AHYMO PROGRAM (AHYMO-S4) - Version: S4.01a - Rel: 01a
 RUN DATE (MON/DAY/YR) = 11/15/2016
 START TIME (HR:MIN:SEC) = 09:52:49 USER NO.= AHYMO_Temp_User:HighMesa
 INPUT FILE = C:\AHYMO\2014.184.4 100 YR INPUT Future_Buildout_Revised.txt

*2345678901234567890

*
 * 100 year, 24 hour storm
 *
 * Future Full Build Out
 * onditions, Please reference J08D003A for Phase 1 AHYMO files
 *
 * HMCJ JOB NUMBER 2014.184.4
 * APS NORTHWEST EDUCATION CORRIDOR
 *
 *
 START TIME = 0.0 HR PUNCH CODE = 0 PRINT LINES = -1
 *
 * RAINFALL DATA FROM NOAA Atlas 14, Volume 1, Version 5
 *
 RAINFALL TYPE = 1 RAIN QUARTER = 0.0
 RAIN ONE = 1.80 IN RAIN SIX = 2.31 IN
 RAIN DAY = 2.62 IN DT = 0.03333

6-HOUR RAINFALL DIST. - BASED ON NOAA ATLAS 14 FOR CONVECTIVE AREAS (NM & AZ)

- D1

DT = 0.033330 HOURS			END TIME = 5.999400 HOURS			
0.0000	0.0023	0.0045	0.0069	0.0094	0.0119	0.0147
0.0175	0.0205	0.0236	0.0268	0.0338	0.0409	0.0483
0.0562	0.0640	0.0725	0.0811	0.0898	0.0987	0.1076
0.1169	0.1263	0.1361	0.1465	0.1568	0.1685	0.1802
0.1947	0.2120	0.2293	0.2526	0.2758	0.3037	0.3362
0.3688	0.4176	0.4664	0.5329	0.6172	0.7015	0.9256
1.1502	1.3253	1.4498	1.5743	1.6372	1.6997	1.7508
1.7902	1.8296	1.8570	1.8844	1.9081	1.9281	1.9481
1.9632	1.9784	1.9915	2.0024	2.0134	2.0232	2.0330
2.0420	2.0502	2.0584	2.0659	2.0735	2.0809	2.0882
2.0955	2.0989	2.1023	2.1057	2.1090	2.1122	2.1153
2.1184	2.1214	2.1243	2.1273	2.1302	2.1331	2.1358
2.1386	2.1413	2.1439	2.1465	2.1491	2.1517	2.1543
2.1567	2.1591	2.1615	2.1639	2.1663	2.1686	2.1709
2.1732	2.1754	2.1776	2.1798	2.1819	2.1841	2.1862
2.1883	2.1904	2.1924	2.1945	2.1965	2.1985	2.2005
2.2025	2.2045	2.2064	2.2084	2.2103	2.2122	2.2141
2.2160	2.2178	2.2197	2.2215	2.2233	2.2251	2.2269
2.2287	2.2305	2.2322	2.2340	2.2357	2.2374	2.2392
2.2409	2.2425	2.2442	2.2459	2.2475	2.2492	2.2508
2.2524	2.2540	2.2556	2.2572	2.2588	2.2604	2.2619
2.2635	2.2650	2.2665	2.2681	2.2696	2.2711	2.2726
2.2741	2.2756	2.2770	2.2785	2.2799	2.2814	2.2828
2.2842	2.2857	2.2871	2.2885	2.2899	2.2913	2.2927
2.2940	2.2954	2.2968	2.2981	2.2995	2.3008	2.3021
2.3035	2.3048	2.3061	2.3074	2.3087	2.3100	

*
 * COMPUTE DEVELOPED 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF DEVELOPED FULL-B
 *
 * BASIN L9.2A-1
 *

COMPUTE NM HYD ID = 1 HYD NO = L9.2A_1 AREA = 0.03288 SQ MI
 PER A = 0.00 PER B = 12.95 PER C = 12.95 PER D = 74.1
 TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 96.169 CFS UNIT VOLUME = 0.9993 B = 526.28 P60 =
 AREA = 0.024364 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 22.619 CFS UNIT VOLUME = 0.9999 B = 354.13 P60 =
 AREA = 0.008516 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 1 CODE = 1

HYDROGRAPH FROM AREA L9.2A_1

RUNOFF VOLUME = 1.76311 INCHES = 3.0918 ACRE-FEET
 PEAK DISCHARGE RATE = 82.31 CFS AT 1.533 HOURS BASIN AREA = 0.0329 SQ. MI.

*
 * BASIN L9.2A-2
 *

COMPUTE NM HYD ID = 2 HYD NO = L9.2A_2 AREA = 0.02071 SQ MI
 PER A = 0.00 PER B = 45.63 PER C = 31.58 PER D = 22.79
 TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 18.630 CFS UNIT VOLUME = 0.9988 B = 526.28 P60 =
 AREA = 0.004720 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.898051 K = 0.121148HR TP = 0.133330HR K/TP RATIO = 0.908630 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 41.774 CFS UNIT VOLUME = 1.000 B = 348.32 P60 =
 AREA = 0.015990 SQ MI IA = 0.43865 INCHES INF = 1.07821 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD

ID = 2 CODE = 1

HYDROGRAPH FROM AREA L9.2A_2

RUNOFF VOLUME = 1.16608 INCHES = 1.2880 ACRE-FEET
 PEAK DISCHARGE RATE = 40.33 CFS AT 1.533 HOURS BASIN AREA = 0.0207 SQ. MI.

*
 *
 *

BASIN L9.2A-3

COMPUTE NM HYD ID = 3 HYD NO = L9.2A_3 AREA = 0.00329 SQ MI
 PER A = 0.00 PER B = 80.00 PER C = 20.00 PER D = 00.00
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.126823HR TP = 0.133330HR K/TP RATIO = 0.951195 SHAPE CONSTANT, N = 3.715600

UNIT PEAK = 8.2847 CFS UNIT VOLUME = 0.9985 B = 335.75 P60 = 1.8000

AREA = 0.003290 SQ MI IA = 0.47000 INCHES INF = 1.16600 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD

ID = 3 CODE = 1

HYDROGRAPH FROM AREA L9.2A_3

RUNOFF VOLUME = 0.85649 INCHES = 0.1503 ACRE-FEET
 PEAK DISCHARGE RATE = 5.33 CFS AT 1.533 HOURS BASIN AREA = 0.0033 SQ. MI.

*
 *
 *

BASIN L9.2A-4

COMPUTE NM HYD ID = 4 HYD NO = L9.2A_4 AREA = 0.00388 SQ MI
 PER A = 0.00 PER B = 50.00 PER C = 50.00 PER D = 00.00
 TP = -0.13333 HRS MASS RAIN = -1

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N = 3.984395

UNIT PEAK = 10.306 CFS UNIT VOLUME = 0.9992 B = 354.13 P60 = 1.8000

AREA = 0.003880 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD

ID = 4 CODE = 1

HYDROGRAPH FROM AREA L9.2A_4

RUNOFF VOLUME = 0.92457 INCHES = 0.1913 ACRE-FEET
 PEAK DISCHARGE RATE = 6.78 CFS AT 1.533 HOURS BASIN AREA = 0.0039 SQ. MI.

*
* BASIN L9.2A-5
*

COMPUTE NM HYD ID = 5 HYD NO = L9.2A_5 AREA = 0.01090 SQ MI
PER A = 0.00 PER B = 22.53 PER C = 22.53 PER D = 54.94
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

7.106428

UNIT PEAK = 23.637 CFS UNIT VOLUME = 0.9989 B = 526.28 P60 =

1.8000

AREA = 0.005988 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

3.984395

UNIT PEAK = 13.045 CFS UNIT VOLUME = 0.9994 B = 354.13 P60 =

1.8000

AREA = 0.004912 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 5 CODE = 1

HYDROGRAPH FROM AREA L9.2A_5

RUNOFF VOLUME = 1.54629 INCHES = 0.8989 ACRE-FEET
PEAK DISCHARGE RATE = 25.16 CFS AT 1.533 HOURS BASIN AREA = 0.0109 SQ. MI.

*
* BASIN L9.2A-6
*

COMPUTE NM HYD ID = 6 HYD NO = L9.2A_6 AREA = 0.02169 SQ MI
PER A = 0.00 PER B = 11.52 PER C = 11.52 PER D = 76.96
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

7.106428

UNIT PEAK = 65.889 CFS UNIT VOLUME = 0.9992 B = 526.28 P60 =

1.8000

AREA = 0.016693 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

3.984395

UNIT PEAK = 13.273 CFS UNIT VOLUME = 0.9994 B = 354.13 P60 =

1.8000

AREA = 0.004997 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 6 CODE = 1

AHYMO.OUT
HYDROGRAPH FROM AREA L9.2A_6

RUNOFF VOLUME = 1.79548 INCHES = 2.0770 ACRE-FEET
PEAK DISCHARGE RATE = 54.94 CFS AT 1.533 HOURS BASIN AREA = 0.0217 SQ. MI.

*
* BASIN L7.1A
*

COMPUTE NM HYD ID = 7 HYD NO = L7.1A AREA = 0.00575 SQ MI
PER A = 0.00 PER B = 45.76 PER C = 45.76 PER D = 08.48
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
7.106428
UNIT PEAK = 1.9246 CFS UNIT VOLUME = 0.9932 B = 526.28 P60 =
1.8000
AREA = 0.000488 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =
3.984395
UNIT PEAK = 13.977 CFS UNIT VOLUME = 0.9995 B = 354.13 P60 =
1.8000
AREA = 0.005262 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 7 CODE = 1

HYDROGRAPH FROM AREA L7.1A

RUNOFF VOLUME = 1.02053 INCHES = 0.3130 ACRE-FEET
PEAK DISCHARGE RATE = 10.54 CFS AT 1.533 HOURS BASIN AREA = 0.0058 SQ. MI.

*
* BASIN UD.4A (SITE)
*

COMPUTE NM HYD ID = 8 HYD NO = UD.4A AREA = 0.00955 SQ MI
PER A = 0.00 PER B = 38.22 PER C = 38.22 PER D = 23.56
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
7.106428
UNIT PEAK = 8.8810 CFS UNIT VOLUME = 0.9980 B = 526.28 P60 =
1.8000
AREA = 0.002250 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =
3.984395

```

                                AHYMO.OUT
UNIT PEAK =    19.389    CFS    UNIT VOLUME =    0.9998    B =    354.13    P60 =
1.8000
AREA =    0.007300 SQ MI    IA =    0.42500 INCHES    INF =    1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT =    0.033330

PRINT HYD    ID = 8    CODE = 1

                                HYDROGRAPH FROM AREA UD.4A

RUNOFF VOLUME =    1.19119 INCHES    =    0.6067 ACRE-FEET
PEAK DISCHARGE RATE =    18.98 CFS    AT    1.533 HOURS    BASIN AREA =    0.0096 SQ. MI.

*
*    BASIN L9.1B_1
*
COMPUTE NM HYD    ID = 9    HYD NO = L9.1B_1    AREA = 0.00720 SQ MI
PER A = 0.00 PER B = 46.78 PER C = 46.78    PER D = 06.44
TP = -0.13333 HRS    MASS RAIN = -1

K = 0.072665HR    TP = 0.133330HR    K/TP RATIO = 0.545000    SHAPE CONSTANT, N =
7.106428
UNIT PEAK =    1.8302    CFS    UNIT VOLUME =    0.9932    B =    526.28    P60 =
1.8000
AREA =    0.000464 SQ MI    IA =    0.10000 INCHES    INF =    0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT =    0.033330

K = 0.118677HR    TP = 0.133330HR    K/TP RATIO = 0.890101    SHAPE CONSTANT, N =
3.984395
UNIT PEAK =    17.892    CFS    UNIT VOLUME =    0.9997    B =    354.13    P60 =
1.8000
AREA =    0.006736 SQ MI    IA =    0.42500 INCHES    INF =    1.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT =    0.033330

PRINT HYD    ID = 9    CODE = 1

                                HYDROGRAPH FROM AREA L9.1B_1

RUNOFF VOLUME =    0.99745 INCHES    =    0.3830 ACRE-FEET
PEAK DISCHARGE RATE =    13.05 CFS    AT    1.533 HOURS    BASIN AREA =    0.0072 SQ. MI.

*
*    BASIN L9.1B_2
*
COMPUTE NM HYD    ID = 10    HYD NO = L9.1B_2    AREA = 0.00462 SQ MI
PER A = 0.00 PER B = 40.11 PER C = 40.11    PER D = 19.78
TP = -0.13333 HRS    MASS RAIN = -1

K = 0.072665HR    TP = 0.133330HR    K/TP RATIO = 0.545000    SHAPE CONSTANT, N =
7.106428
UNIT PEAK =    3.6071    CFS    UNIT VOLUME =    0.9960    B =    526.28    P60 =

```

1.8000

AREA = 0.000914 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =

1.8000

UNIT PEAK = 9.8438 CFS UNIT VOLUME = 0.9991 B = 354.13 P60 =

AREA = 0.003706 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 10 CODE = 1

HYDROGRAPH FROM AREA L9.1B_2

RUNOFF VOLUME = 1.14841 INCHES = 0.2830 ACRE-FEET
 PEAK DISCHARGE RATE = 9.01 CFS AT 1.533 HOURS BASIN AREA = 0.0046 SQ. MI.

*
 * BASIN L9.1B_3
 *

COMPUTE NM HYD ID = 11 HYD NO = L9.1B_3 AREA = 0.00839 SQ MI
 PER A = 0.00 PER B = 18.18 PER C = 18.18 PER D = 63.64
 TP = -0.13333 HRS MASS RAIN = -1

7.106428

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =

1.8000

UNIT PEAK = 21.075 CFS UNIT VOLUME = 0.9988 B = 526.28 P60 =

AREA = 0.005339 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395

K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =

1.8000

UNIT PEAK = 8.1026 CFS UNIT VOLUME = 0.9988 B = 354.13 P60 =

AREA = 0.003051 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 11 CODE = 1

HYDROGRAPH FROM AREA L9.1B_3

RUNOFF VOLUME = 1.64475 INCHES = 0.7360 ACRE-FEET
 PEAK DISCHARGE RATE = 20.12 CFS AT 1.533 HOURS BASIN AREA = 0.0084 SQ. MI.

*
 * BASIN L9.2B
 *

COMPUTE NM HYD ID = 12 HYD NO = L9.2B AREA = 0.01274 SQ MI
 PER A = 0.00 PER B = 42.49 PER C = 42.49 PER D = 15.02
 TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 7.5531 CFS UNIT VOLUME = 0.9978 B = 526.28 P60 =
 AREA = 0.001914 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890101 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 28.756 CFS UNIT VOLUME = 1.000 B = 354.13 P60 =
 AREA = 0.010826 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 12 CODE = 1

HYDROGRAPH FROM AREA L9.2B

RUNOFF VOLUME = 1.09454 INCHES = 0.7437 ACRE-FEET
 PEAK DISCHARGE RATE = 24.19 CFS AT 1.533 HOURS BASIN AREA = 0.0127 SQ. MI.

*
 * BASIN L12.19D/20A
 *

COMPUTE NM HYD ID = 13 HYD NO = L12.19D/20A AREA = 0.00426 SQ MI
 PER A = 0.00 PER B = 43.05 PER C = 43.05 PER D = 13.90
 TP = -0.13333 HRS MASS RAIN = -1

7.106428 K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 2.3373 CFS UNIT VOLUME = 0.9941 B = 526.28 P60 =
 AREA = 0.000592 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

3.984395 K = 0.118677HR TP = 0.133330HR K/TP RATIO = 0.890100 SHAPE CONSTANT, N =
 1.8000 UNIT PEAK = 9.7421 CFS UNIT VOLUME = 0.9991 B = 354.13 P60 =
 AREA = 0.003668 SQ MI IA = 0.42500 INCHES INF = 1.04000 INCHES PER HOUR
 RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID = 13 CODE = 1

HYDROGRAPH FROM AREA L12.19D/20A

RUNOFF VOLUME = 1.08187 INCHES = 0.2458 ACRE-FEET

PEAK DISCHARGE RATE = 8.05 CFS AT 1.533 HOURS BASIN AREA = 0.0043 SQ. MI.

*
* COMPUTE 100-YEAR PEAK RATE AND VOLUME OF RUNOFF OF ADJACENT OFFSITE BASINS
* BASIN L9.1A
*

COMPUTE NM HYD ID = 14 HYD NO = L9.1AOFF AREA = 0.09675 SQ MI
PER A = 91.9 PER B = 0.0 PER C = 8.1 PER D = 0.0
TP = -0.13333 HRS MASS RAIN = -1

K = 0.156905HR TP = 0.133330HR K/TP RATIO = 1.176816 SHAPE CONSTANT, N = 3.014821

UNIT PEAK = 205.38 CFS UNIT VOLUME = 0.9997 B = 283.03 P60 = 1.8000

AREA = 0.096750 SQ MI IA = 0.62570 INCHES INF = 1.60196 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =14 CODE = 1

HYDROGRAPH FROM AREA L9.1AOFF

RUNOFF VOLUME = 0.65224 INCHES = 3.3655 ACRE-FEET
PEAK DISCHARGE RATE = 115.18 CFS AT 1.533 HOURS BASIN AREA = 0.0968 SQ. MI.

*
* BASIN L9.2AOFF
*

COMPUTE NM HYD ID = 15 HYD NO = L9.2AOFF AREA = 0.003203 SQ MI
PER A = 0.00 PER B = 0.00 PER C = 100.0 PER D = 0.00
TP = -0.13333 HRS MASS RAIN = -1

K = 0.105101HR TP = 0.133330HR K/TP RATIO = 0.788276 SHAPE CONSTANT, N = 4.552748

UNIT PEAK = 9.3806 CFS UNIT VOLUME = 0.9990 B = 390.48 P60 = 1.8000

AREA = 0.003203 SQ MI IA = 0.35000 INCHES INF = 0.83000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =15 CODE = 1

HYDROGRAPH FROM AREA L9.2AOFF

RUNOFF VOLUME = 1.04869 INCHES = 0.1791 ACRE-FEET
PEAK DISCHARGE RATE = 6.32 CFS AT 1.533 HOURS BASIN AREA = 0.0032 SQ. MI.

*
* BASIN L9.1BOFF
*

COMPUTE NM HYD ID = 16 HYD NO = L9.1BOFF AREA = 0.046265 SQ MI

AHYMO.OUT

PER A = 75.0 PER B = 25.00 PER C = 00.0 PER D = 0.00
TP = -0.13333 HRS MASS RAIN = -1

K = 0.157178HR TP = 0.133330HR K/TP RATIO = 1.178862 SHAPE CONSTANT, N = 3.009971
UNIT PEAK = 98.075 CFS UNIT VOLUME = 0.9997 B = 282.64 P60 = 1.8000
AREA = 0.046265 SQ MI IA = 0.61250 INCHES INF = 1.56500 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =16 CODE = 1

HYDROGRAPH FROM AREA L9.1BOFF

RUNOFF VOLUME = 0.66700 INCHES = 1.6458 ACRE-FEET
PEAK DISCHARGE RATE = 55.97 CFS AT 1.533 HOURS BASIN AREA = 0.0463 SQ. MI.

*
* BASIN UD.4OFF
*

COMPUTE NM HYD ID = 17 HYD NO = UD.4OFF AREA = 0.00072 SQ MI
PER A = 0.00 PER B = 0.00 PER C = 0.00 PER D = 100.00
TP = -0.13333 HRS MASS RAIN = -1

K = 0.072665HR TP = 0.133330HR K/TP RATIO = 0.545000 SHAPE CONSTANT, N = 7.106428
UNIT PEAK = 2.8420 CFS UNIT VOLUME = 0.9955 B = 526.28 P60 = 1.8000
AREA = 0.000720 SQ MI IA = 0.10000 INCHES INF = 0.04000 INCHES PER HOUR
RUNOFF COMPUTED BY INITIAL ABSTRACTION/INFILTRATION NUMBER METHOD - DT = 0.033330

PRINT HYD ID =17 CODE = 1

HYDROGRAPH FROM AREA UD.4OFF

RUNOFF VOLUME = 2.05621 INCHES = 0.0790 ACRE-FEET
PEAK DISCHARGE RATE = 2.01 CFS AT 1.500 HOURS BASIN AREA = 0.0007 SQ. MI.

*
*
*COMBINE DEVELOPED BASINS L9.2A-1, L9.2A-2, L9.2A-3, L9.2A-4, L9.2A-5, L9.2A-6,
*TO DETERMINE TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER

ADD HYD ID = 18 HYD NO = BASIN_2T ID = 1 ID = 2
ADD HYD ID = 19 HYD NO = BASIN_3T ID = 18 ID = 3
ADD HYD ID = 20 HYD NO = BASIN_4T ID = 19 ID = 4
ADD HYD ID = 21 HYD NO = BASIN_5T ID = 20 ID = 5
ADD HYD ID = 22 HYD NO = BASIN_6T ID = 21 ID = 6
ADD HYD ID = 23 HYD NO = BASIN_7T ID = 22 ID = 7

*
*TOTAL FLOW TO STORM DRAIN MANHOLE SPLITTER
PRINT HYD ID = 23 CODE = 1

HYDROGRAPH FROM AREA BASIN_7T

RUNOFF VOLUME = 1.51555 INCHES = 8.0101 ACRE-FEET
 PEAK DISCHARGE RATE = 225.39 CFS AT 1.533 HOURS BASIN AREA = 0.0991 SQ. MI.

*
 * SDMH SPLITTER RUNOFF DIVERTED TO S-1 STRUCTURE (ID=24) = 103.6 CFS AND RUNOFF
 *
 DIVIDE HYD ID = 23 Q=103.6 ID I = 24 HYD NO = TO_S1
 ID II= 25 HYD NO = TO_POND
 *
 PRINT HYD ID = 24 CODE = 1

HYDROGRAPH FROM AREA TO_S1

RUNOFF VOLUME = 1.51555 INCHES = 6.2228 ACRE-FEET
 PEAK DISCHARGE RATE = 103.60 CFS AT 1.433 HOURS BASIN AREA = 0.0770 SQ. MI.

PRINT HYD ID = 25 CODE = 1

HYDROGRAPH FROM AREA TO_POND

RUNOFF VOLUME = 1.51555 INCHES = 1.7874 ACRE-FEET
 PEAK DISCHARGE RATE = 121.79 CFS AT 1.533 HOURS BASIN AREA = 0.0221 SQ. MI.

*
 *
 * COMBINE BASIN L9.1BOFF AND BASIN L9.1B FLOWS TO DETERMINE TOTAL FLOWS THAT
 ADD HYD ID = 26 HYD NO = BASIN_8T ID = 9 ID = 16
 *ROUTE TOTAL FLOW THROUGH POND LOCATED IN L9.1B-1 THAT DISCHARGES INTO NEW SD SY
 ROUTE RESERVOIR ID = 27 HYD NO = OUTFLOW INFLOW ID = 26 CODE = 5

	OUTFLOW (CFS)	STORAGE(AC FT)	ELEV(FT)
0.0	0.0	5009	
0.1	0.07	5010	
0.1	0.16	5011	
28.26	0.22	5011.5	
67.96	0.29	5012	
75.98	0.44	5013	

* * * * *

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
0.00	0.00	5009.00	0.000	0.00
0.17	0.00	5009.00	0.000	0.00

AHYMO.OUT

0.33	0.00	5009.00	0.000	0.00
0.50	0.00	5009.00	0.000	0.00
0.67	0.00	5009.00	0.000	0.00
0.83	0.05	5009.00	0.000	0.00
1.00	0.09	5009.02	0.001	0.00
1.17	0.17	5009.04	0.003	0.00
1.33	2.74	5009.17	0.012	0.02
1.50	66.31	5011.89	0.274	59.09
1.67	41.54	5011.74	0.253	46.98
1.83	14.37	5011.30	0.196	17.16
2.00	6.67	5011.13	0.175	7.30
2.17	4.52	5011.08	0.170	4.79
2.33	3.12	5011.06	0.167	3.31
2.50	2.15	5011.04	0.165	2.28
2.67	1.48	5011.03	0.163	1.57
2.83	1.03	5011.02	0.162	1.09
3.00	0.72	5011.01	0.161	0.76
3.17	0.50	5011.01	0.161	0.53
3.33	0.35	5011.00	0.161	0.37
3.50	0.25	5011.00	0.160	0.26
3.67	0.17	5011.00	0.160	0.18
3.83	0.12	5011.00	0.160	0.13
4.00	0.09	5011.00	0.160	0.10
4.17	0.06	5011.00	0.160	0.10
4.33	0.05	5011.00	0.160	0.10
4.50	0.04	5011.00	0.160	0.10
4.67	0.03	5011.00	0.160	0.10
4.83	0.02	5011.00	0.160	0.10
5.00	0.02	5011.00	0.160	0.10
5.17	0.01	5011.00	0.160	0.10
5.33	0.01	5011.00	0.160	0.10
5.50	0.01	5011.00	0.160	0.10
5.67	0.01	5011.00	0.160	0.10
5.83	0.01	5011.00	0.160	0.10
6.00	0.01	5011.00	0.160	0.10
6.17	0.00	5011.00	0.160	0.10
6.33	0.00	5011.00	0.160	0.10
6.50	0.00	5011.00	0.160	0.10
6.67	0.00	5011.00	0.160	0.10
6.83	0.00	5011.00	0.160	0.10
7.00	0.00	5011.00	0.160	0.10
7.17	0.00	5011.00	0.160	0.10
7.33	0.00	5011.00	0.160	0.10
7.50	0.00	5011.00	0.160	0.10
7.67	0.00	5011.00	0.160	0.10
7.83	0.00	5011.00	0.160	0.10
8.00	0.00	5011.00	0.160	0.10
8.17	0.00	5011.00	0.160	0.10
8.33	0.00	5011.00	0.160	0.10
8.50	0.00	5011.00	0.160	0.10
8.67	0.00	5011.00	0.160	0.10
8.83	0.00	5011.00	0.160	0.10
9.00	0.00	5011.00	0.160	0.10
9.17	0.00	5011.00	0.160	0.10

TIME	INFLOW	ELEV	VOLUME	OUTFLOW
(HRS)	(CFS)	(FEET)	(AC-FT)	(CFS)

9.33	0.00	5011.00	0.160	0.10
9.50	0.00	5011.00	0.160	0.10
9.67	0.00	5011.00	0.160	0.10
9.83	0.00	5011.00	0.160	0.10
10.00	0.00	5011.00	0.160	0.10
10.17	0.00	5011.00	0.160	0.10
10.33	0.00	5011.00	0.160	0.10
10.50	0.00	5011.00	0.160	0.10
10.67	0.00	5011.00	0.160	0.10
10.83	0.00	5011.00	0.160	0.10
11.00	0.00	5011.00	0.160	0.10
11.17	0.00	5011.00	0.160	0.10
11.33	0.00	5011.00	0.160	0.10
11.50	0.00	5011.00	0.160	0.10
11.67	0.00	5011.00	0.160	0.10
11.83	0.00	5011.00	0.160	0.10
12.00	0.00	5011.00	0.160	0.10
12.17	0.00	5011.00	0.160	0.10
12.33	0.00	5011.00	0.160	0.10
12.50	0.00	5011.00	0.160	0.10
12.67	0.00	5011.00	0.160	0.10
12.83	0.00	5011.00	0.160	0.10
13.00	0.00	5011.00	0.160	0.10
13.17	0.00	5011.00	0.160	0.10
13.33	0.00	5011.00	0.160	0.10
13.50	0.00	5011.00	0.160	0.10
13.67	0.00	5011.00	0.160	0.10
13.83	0.00	5011.00	0.160	0.10
14.00	0.00	5011.00	0.160	0.10
14.17	0.00	5011.00	0.160	0.10
14.33	0.00	5011.00	0.160	0.10
14.50	0.00	5011.00	0.160	0.10
14.67	0.00	5011.00	0.160	0.10
14.83	0.00	5011.00	0.160	0.10
15.00	0.00	5011.00	0.160	0.10
15.17	0.00	5011.00	0.160	0.10
15.33	0.00	5011.00	0.160	0.10
15.50	0.00	5009.99	0.069	0.10
15.67	0.00	5009.97	0.068	0.10
15.83	0.00	5009.95	0.067	0.10
16.00	0.00	5009.94	0.065	0.09
16.17	0.00	5009.92	0.064	0.09
16.33	0.00	5009.90	0.063	0.09
16.50	0.00	5009.88	0.062	0.09
16.67	0.00	5009.86	0.061	0.09
16.83	0.00	5009.85	0.059	0.08
17.00	0.00	5009.83	0.058	0.08
17.16	0.00	5009.81	0.057	0.08
17.33	0.00	5009.80	0.056	0.08
17.50	0.00	5009.78	0.055	0.08
17.66	0.00	5009.77	0.054	0.08
17.83	0.00	5009.75	0.053	0.08
18.00	0.00	5009.74	0.052	0.07
18.16	0.00	5009.72	0.051	0.07
18.33	0.00	5009.71	0.050	0.07
18.50	0.00	5009.70	0.049	0.07

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
18.66	0.00	5009.68	0.048	0.07
18.83	0.00	5009.67	0.047	0.07
19.00	0.00	5009.66	0.046	0.07
19.16	0.00	5009.64	0.045	0.06
19.33	0.00	5009.63	0.044	0.06
19.50	0.00	5009.62	0.043	0.06
19.66	0.00	5009.61	0.042	0.06
19.83	0.00	5009.60	0.042	0.06
20.00	0.00	5009.58	0.041	0.06
20.16	0.00	5009.57	0.040	0.06
20.33	0.00	5009.56	0.039	0.06
20.50	0.00	5009.55	0.038	0.05
20.66	0.00	5009.54	0.038	0.05
20.83	0.00	5009.53	0.037	0.05
21.00	0.00	5009.52	0.036	0.05
21.16	0.00	5009.51	0.036	0.05
21.33	0.00	5009.50	0.035	0.05
21.50	0.00	5009.49	0.034	0.05
21.66	0.00	5009.48	0.034	0.05
21.83	0.00	5009.47	0.033	0.05
22.00	0.00	5009.46	0.032	0.05
22.16	0.00	5009.45	0.032	0.05
22.33	0.00	5009.44	0.031	0.04
22.50	0.00	5009.43	0.030	0.04
22.66	0.00	5009.43	0.030	0.04
22.83	0.00	5009.42	0.029	0.04
23.00	0.00	5009.41	0.029	0.04
23.16	0.00	5009.40	0.028	0.04
23.33	0.00	5009.39	0.028	0.04
23.50	0.00	5009.39	0.027	0.04
23.66	0.00	5009.38	0.026	0.04
23.83	0.00	5009.37	0.026	0.04
24.00	0.00	5009.36	0.025	0.04
24.16	0.00	5009.36	0.025	0.04
24.33	0.00	5009.35	0.024	0.03
24.50	0.00	5009.34	0.024	0.03
24.66	0.00	5009.34	0.024	0.03
24.83	0.00	5009.33	0.023	0.03
25.00	0.00	5009.32	0.023	0.03
25.16	0.00	5009.32	0.022	0.03
25.33	0.00	5009.31	0.022	0.03
25.50	0.00	5009.30	0.021	0.03
25.66	0.00	5009.30	0.021	0.03
25.83	0.00	5009.29	0.021	0.03
26.00	0.00	5009.29	0.020	0.03
26.16	0.00	5009.28	0.020	0.03
26.33	0.00	5009.28	0.019	0.03
26.50	0.00	5009.27	0.019	0.03
26.66	0.00	5009.27	0.019	0.03
26.83	0.00	5009.26	0.018	0.03
27.00	0.00	5009.26	0.018	0.03
27.16	0.00	5009.25	0.018	0.03
27.33	0.00	5009.25	0.017	0.02

			AHYMO.OUT	
27.50	0.00	5009.24	0.017	0.02
27.66	0.00	5009.24	0.017	0.02
27.83	0.00	5009.23	0.016	0.02

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
28.00	0.00	5009.23	0.016	0.02
28.16	0.00	5009.22	0.016	0.02
28.33	0.00	5009.22	0.015	0.02
28.50	0.00	5009.21	0.015	0.02
28.66	0.00	5009.21	0.015	0.02
28.83	0.00	5009.21	0.014	0.02
29.00	0.00	5009.20	0.014	0.02
29.16	0.00	5009.20	0.014	0.02
29.33	0.00	5009.19	0.014	0.02
29.50	0.00	5009.19	0.013	0.02
29.66	0.00	5009.19	0.013	0.02
29.83	0.00	5009.18	0.013	0.02
30.00	0.00	5009.18	0.013	0.02
30.16	0.00	5009.18	0.012	0.02
30.33	0.00	5009.17	0.012	0.02
30.50	0.00	5009.17	0.012	0.02
30.66	0.00	5009.17	0.012	0.02
30.83	0.00	5009.16	0.011	0.02
31.00	0.00	5009.16	0.011	0.02
31.16	0.00	5009.16	0.011	0.02
31.33	0.00	5009.15	0.011	0.02
31.50	0.00	5009.15	0.011	0.02
31.66	0.00	5009.15	0.010	0.01
31.83	0.00	5009.14	0.010	0.01
32.00	0.00	5009.14	0.010	0.01
32.16	0.00	5009.14	0.010	0.01
32.33	0.00	5009.14	0.010	0.01
32.50	0.00	5009.13	0.009	0.01
32.66	0.00	5009.13	0.009	0.01
32.83	0.00	5009.13	0.009	0.01
33.00	0.00	5009.13	0.009	0.01
33.16	0.00	5009.12	0.009	0.01
33.33	0.00	5009.12	0.008	0.01
33.50	0.00	5009.12	0.008	0.01
33.66	0.00	5009.12	0.008	0.01
33.83	0.00	5009.11	0.008	0.01
34.00	0.00	5009.11	0.008	0.01
34.16	0.00	5009.11	0.008	0.01
34.33	0.00	5009.11	0.008	0.01
34.50	0.00	5009.11	0.007	0.01
34.66	0.00	5009.10	0.007	0.01
34.83	0.00	5009.10	0.007	0.01
35.00	0.00	5009.10	0.007	0.01
35.16	0.00	5009.10	0.007	0.01
35.33	0.00	5009.10	0.007	0.01
35.50	0.00	5009.09	0.007	0.01
35.66	0.00	5009.09	0.006	0.01
35.83	0.00	5009.09	0.006	0.01
36.00	0.00	5009.09	0.006	0.01
36.16	0.00	5009.09	0.006	0.01

AHYMO.OUT

36.33	0.00	5009.08	0.006	0.01
36.50	0.00	5009.08	0.006	0.01
36.66	0.00	5009.08	0.006	0.01
36.83	0.00	5009.08	0.006	0.01
37.00	0.00	5009.08	0.005	0.01
37.16	0.00	5009.08	0.005	0.01

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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37.33	0.00	5009.08	0.005	0.01
37.50	0.00	5009.07	0.005	0.01
37.66	0.00	5009.07	0.005	0.01
37.83	0.00	5009.07	0.005	0.01
38.00	0.00	5009.07	0.005	0.01
38.16	0.00	5009.07	0.005	0.01
38.33	0.00	5009.07	0.005	0.01
38.50	0.00	5009.07	0.005	0.01
38.66	0.00	5009.06	0.005	0.01
38.83	0.00	5009.06	0.004	0.01
39.00	0.00	5009.06	0.004	0.01
39.16	0.00	5009.06	0.004	0.01
39.33	0.00	5009.06	0.004	0.01
39.50	0.00	5009.06	0.004	0.01
39.66	0.00	5009.06	0.004	0.01
39.83	0.00	5009.06	0.004	0.01
40.00	0.00	5009.06	0.004	0.01
40.16	0.00	5009.05	0.004	0.01
40.33	0.00	5009.05	0.004	0.01
40.50	0.00	5009.05	0.004	0.01
40.66	0.00	5009.05	0.004	0.01
40.83	0.00	5009.05	0.003	0.00

PEAK DISCHARGE = 67.265 CFS - PEAK OCCURS AT HOUR 1.57

MAXIMUM WATER SURFACE ELEVATION = 5011.991

MAXIMUM STORAGE = 0.2888 AC-FT INCREMENTAL TIME= 0.033330HRS

*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED C

*SEE SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)

*

*****COMBINE REMAINING CONTRIBUTING BASINS L9.1B BASINS, BASIN L12.19D/20A, BASI

ADD HYD ID = 28 HYD NO = BASIN_9T ID = 27 ID = 10

ADD HYD ID = 29 HYD NO = BASIN_10T ID = 28 ID = 11

ADD HYD ID = 30 HYD NO = BASIN_11T ID = 29 ID = 13

ADD HYD ID = 31 HYD NO = BASIN_12T ID = 30 ID = 12

ADD HYD ID = 32 HYD NO = BASIN_13T ID = 31 ID = 25

PRINT HYD ID = 32 CODE = 1

HYDROGRAPH FROM AREA BASIN_13T

RUNOFF VOLUME = 1.03419 INCHES = 5.8239 ACRE-FEET

PEAK DISCHARGE RATE = 249.77 CFS AT 1.533 HOURS BASIN AREA = 0.1056 SQ. MI.

*ROUTE THROUGH BASIN L9.2B POND TO DETERMINE MAX DISCHARGE TO S-2 STRUCTURE

ROUTE RESERVOIR ID = 33 HYD NO = OUTFLOW INFLOW ID = 32 CODE = 5

	AHYMO.OUT		
	OUTFLOW (CFS)	STORAGE(AC FT)	ELEV(FT)
0.1	0.00	5053	
0.1	0.38	5054	
0.1	0.81	5055	
0.1	1.28	5056	
	61.50	1.79	5057
86.50	2.36	5058	
106.0	2.97	5059	
110.0	3.63	5060	
122.7	4.35	5061	

* * * * *

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
0.00	0.00	-Infinity	-Infinity	0.00
0.17	0.00	5056.00	1.280	0.10
0.33	0.00	5056.00	1.280	0.10
0.50	0.00	5056.00	1.280	0.10
0.67	0.00	5056.00	1.280	0.10
0.83	0.98	5056.00	1.280	0.10
1.00	1.65	5056.00	1.280	0.10
1.17	3.29	5056.00	1.280	0.10
1.33	11.64	5056.00	1.280	0.10
1.50	239.45	5056.15	1.356	9.22
1.67	107.15	5058.99	2.962	105.76
1.83	30.37	5058.02	2.374	86.95
2.00	14.19	5056.80	1.688	49.24
2.17	8.98	5056.29	1.428	17.87
2.33	6.04	5056.15	1.354	9.05
2.50	3.85	5056.09	1.325	5.48
2.67	2.52	5056.05	1.308	3.42
2.83	1.73	5056.04	1.298	2.27
3.00	1.21	5056.02	1.292	1.55
3.17	0.86	5056.02	1.288	1.09
3.33	0.64	5056.01	1.286	0.79
3.50	0.47	5056.01	1.284	0.58
3.67	0.37	5056.01	1.283	0.43
3.83	0.30	5056.00	1.282	0.34
4.00	0.27	5056.00	1.282	0.29
4.17	0.26	5056.00	1.281	0.27
4.33	0.27	5056.00	1.281	0.27
4.50	0.27	5056.00	1.281	0.27
4.67	0.27	5056.00	1.281	0.27
4.83	0.27	5056.00	1.281	0.27
5.00	0.28	5056.00	1.281	0.28
5.17	0.28	5056.00	1.282	0.28
5.33	0.29	5056.00	1.282	0.28
5.50	0.29	5056.00	1.282	0.29
5.67	0.30	5056.00	1.282	0.30
5.83	0.31	5056.00	1.282	0.30
6.00	0.31	5056.00	1.282	0.31
6.17	0.18	5056.00	1.281	0.26
6.33	0.12	5056.00	1.280	0.16
6.50	0.11	5056.00	1.280	0.12
6.67	0.10	5056.00	1.280	0.11

AHYMO.OUT

6.83	0.10	5056.00	1.280	0.10
7.00	0.10	5056.00	1.280	0.10
7.17	0.10	5056.00	1.280	0.10
7.33	0.10	5056.00	1.280	0.10
7.50	0.10	5056.00	1.280	0.10
7.67	0.10	5056.00	1.280	0.10
7.83	0.10	5056.00	1.280	0.10
8.00	0.10	5056.00	1.280	0.10
8.17	0.10	5056.00	1.280	0.10
8.33	0.10	5056.00	1.280	0.10
8.50	0.10	5056.00	1.280	0.10
8.67	0.10	5056.00	1.280	0.10
8.83	0.10	5056.00	1.280	0.10
9.00	0.10	5056.00	1.280	0.10
9.17	0.10	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
9.33	0.10	5056.00	1.280	0.10
9.50	0.10	5056.00	1.280	0.10
9.67	0.10	5056.00	1.280	0.10
9.83	0.10	5056.00	1.280	0.10
10.00	0.10	5056.00	1.280	0.10
10.17	0.10	5056.00	1.280	0.10
10.33	0.10	5056.00	1.280	0.10
10.50	0.10	5056.00	1.280	0.10
10.67	0.10	5056.00	1.280	0.10
10.83	0.10	5056.00	1.280	0.10
11.00	0.10	5056.00	1.280	0.10
11.17	0.10	5056.00	1.280	0.10
11.33	0.10	5056.00	1.280	0.10
11.50	0.10	5056.00	1.280	0.10
11.67	0.10	5056.00	1.280	0.10
11.83	0.10	5056.00	1.280	0.10
12.00	0.10	5056.00	1.280	0.10
12.17	0.10	5056.00	1.280	0.10
12.33	0.10	5056.00	1.280	0.10
12.50	0.10	5056.00	1.280	0.10
12.67	0.10	5056.00	1.280	0.10
12.83	0.10	5056.00	1.280	0.10
13.00	0.10	5056.00	1.280	0.10
13.17	0.10	5056.00	1.280	0.10
13.33	0.10	5056.00	1.280	0.10
13.50	0.10	5056.00	1.280	0.10
13.67	0.10	5056.00	1.280	0.10
13.83	0.10	5056.00	1.280	0.10
14.00	0.10	5056.00	1.280	0.10
14.17	0.10	5056.00	1.280	0.10
14.33	0.10	5056.00	1.280	0.10
14.50	0.10	5056.00	1.280	0.10
14.67	0.10	5056.00	1.280	0.10
14.83	0.10	5056.00	1.280	0.10
15.00	0.10	5056.00	1.280	0.10
15.17	0.10	5056.00	1.280	0.10
15.33	0.10	5056.00	1.280	0.10
15.50	0.10	5056.00	1.280	0.10

AHYMO.OUT

15.67	0.10	5056.00	1.280	0.10
15.83	0.10	5056.00	1.280	0.10
16.00	0.09	5056.00	1.280	0.10
16.17	0.09	5056.00	1.280	0.10
16.33	0.09	5056.00	1.280	0.10
16.50	0.09	5056.00	1.280	0.10
16.67	0.09	5056.00	1.280	0.10
16.83	0.08	5056.00	1.280	0.10
17.00	0.08	5056.00	1.280	0.10
17.16	0.08	5056.00	1.280	0.10
17.33	0.08	5056.00	1.280	0.10
17.50	0.08	5056.00	1.280	0.10
17.66	0.08	5056.00	1.280	0.10
17.83	0.08	5056.00	1.280	0.10
18.00	0.07	5056.00	1.280	0.10
18.16	0.07	5056.00	1.280	0.10
18.33	0.07	5056.00	1.280	0.10
18.50	0.07	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
18.66	0.07	5056.00	1.280	0.10
18.83	0.07	5056.00	1.280	0.10
19.00	0.07	5056.00	1.280	0.10
19.16	0.06	5056.00	1.280	0.10
19.33	0.06	5056.00	1.280	0.10
19.50	0.06	5056.00	1.280	0.10
19.66	0.06	5056.00	1.280	0.10
19.83	0.06	5056.00	1.280	0.10
20.00	0.06	5056.00	1.280	0.10
20.16	0.06	5056.00	1.280	0.10
20.33	0.06	5056.00	1.280	0.10
20.50	0.05	5056.00	1.280	0.10
20.66	0.05	5056.00	1.280	0.10
20.83	0.05	5056.00	1.280	0.10
21.00	0.05	5056.00	1.280	0.10
21.16	0.05	5056.00	1.280	0.10
21.33	0.05	5056.00	1.280	0.10
21.50	0.05	5056.00	1.280	0.10
21.66	0.05	5056.00	1.280	0.10
21.83	0.05	5056.00	1.280	0.10
22.00	0.05	5056.00	1.280	0.10
22.16	0.05	5056.00	1.280	0.10
22.33	0.04	5056.00	1.280	0.10
22.50	0.04	5056.00	1.280	0.10
22.66	0.04	5056.00	1.280	0.10
22.83	0.04	5056.00	1.280	0.10
23.00	0.04	5056.00	1.280	0.10
23.16	0.04	5056.00	1.280	0.10
23.33	0.04	5056.00	1.280	0.10
23.50	0.04	5056.00	1.280	0.10
23.66	0.04	5056.00	1.280	0.10
23.83	0.04	5056.00	1.280	0.10
24.00	0.04	5056.00	1.280	0.10
24.16	0.04	5056.00	1.280	0.10
24.33	0.03	5056.00	1.280	0.10

AHYMO.OUT

24.50	0.03	5056.00	1.280	0.10
24.66	0.03	5056.00	1.280	0.10
24.83	0.03	5056.00	1.280	0.10
25.00	0.03	5056.00	1.280	0.10
25.16	0.03	5056.00	1.280	0.10
25.33	0.03	5056.00	1.280	0.10
25.50	0.03	5056.00	1.280	0.10
25.66	0.03	5056.00	1.280	0.10
25.83	0.03	5056.00	1.280	0.10
26.00	0.03	5056.00	1.280	0.10
26.16	0.03	5056.00	1.280	0.10
26.33	0.03	5056.00	1.280	0.10
26.50	0.03	5056.00	1.280	0.10
26.66	0.03	5056.00	1.280	0.10
26.83	0.03	5056.00	1.280	0.10
27.00	0.03	5056.00	1.280	0.10
27.16	0.03	5056.00	1.280	0.10
27.33	0.02	5056.00	1.280	0.10
27.50	0.02	5056.00	1.280	0.10
27.66	0.02	5056.00	1.280	0.10
27.83	0.02	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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28.00	0.02	5056.00	1.280	0.10
28.16	0.02	5056.00	1.280	0.10
28.33	0.02	5056.00	1.280	0.10
28.50	0.02	5056.00	1.280	0.10
28.66	0.02	5056.00	1.280	0.10
28.83	0.02	5056.00	1.280	0.10
29.00	0.02	5056.00	1.280	0.10
29.16	0.02	5056.00	1.280	0.10
29.33	0.02	5056.00	1.280	0.10
29.50	0.02	5056.00	1.280	0.10
29.66	0.02	5056.00	1.280	0.10
29.83	0.02	5056.00	1.280	0.10
30.00	0.02	5056.00	1.280	0.10
30.16	0.02	5056.00	1.280	0.10
30.33	0.02	5056.00	1.280	0.10
30.50	0.02	5056.00	1.280	0.10
30.66	0.02	5056.00	1.280	0.10
30.83	0.02	5056.00	1.280	0.10
31.00	0.02	5056.00	1.280	0.10
31.16	0.02	5056.00	1.280	0.10
31.33	0.02	5056.00	1.280	0.10
31.50	0.02	5056.00	1.280	0.10
31.66	0.01	5056.00	1.280	0.10
31.83	0.01	5056.00	1.280	0.10
32.00	0.01	5056.00	1.280	0.10
32.16	0.01	5056.00	1.280	0.10
32.33	0.01	5056.00	1.280	0.10
32.50	0.01	5056.00	1.280	0.10
32.66	0.01	5056.00	1.280	0.10
32.83	0.01	5056.00	1.280	0.10
33.00	0.01	5056.00	1.280	0.10
33.16	0.01	5056.00	1.280	0.10

AHYMO.OUT

33.33	0.01	5056.00	1.280	0.10
33.50	0.01	5056.00	1.280	0.10
33.66	0.01	5056.00	1.280	0.10
33.83	0.01	5056.00	1.280	0.10
34.00	0.01	5056.00	1.280	0.10
34.16	0.01	5056.00	1.280	0.10
34.33	0.01	5056.00	1.280	0.10
34.50	0.01	5056.00	1.280	0.10
34.66	0.01	5056.00	1.280	0.10
34.83	0.01	5056.00	1.280	0.10
35.00	0.01	5056.00	1.280	0.10
35.16	0.01	5056.00	1.280	0.10
35.33	0.01	5056.00	1.280	0.10
35.50	0.01	5056.00	1.280	0.10
35.66	0.01	5056.00	1.280	0.10
35.83	0.01	5056.00	1.280	0.10
36.00	0.01	5056.00	1.280	0.10
36.16	0.01	5056.00	1.280	0.10
36.33	0.01	5056.00	1.280	0.10
36.50	0.01	5056.00	1.280	0.10
36.66	0.01	5056.00	1.280	0.10
36.83	0.01	5056.00	1.280	0.10
37.00	0.01	5056.00	1.280	0.10
37.16	0.01	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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37.33	0.01	5056.00	1.280	0.10
37.50	0.01	5056.00	1.280	0.10
37.66	0.01	5056.00	1.280	0.10
37.83	0.01	5056.00	1.280	0.10
38.00	0.01	5056.00	1.280	0.10
38.16	0.01	5056.00	1.280	0.10
38.33	0.01	5056.00	1.280	0.10
38.50	0.01	5056.00	1.280	0.10
38.66	0.01	5056.00	1.280	0.10
38.83	0.01	5056.00	1.280	0.10
39.00	0.01	5056.00	1.280	0.10
39.16	0.01	5056.00	1.280	0.10
39.33	0.01	5056.00	1.280	0.10
39.50	0.01	5056.00	1.280	0.10
39.66	0.01	5056.00	1.280	0.10
39.83	0.01	5056.00	1.280	0.10
40.00	0.01	5056.00	1.280	0.10
40.16	0.01	5056.00	1.280	0.10
40.33	0.01	5056.00	1.280	0.10
40.50	0.01	5056.00	1.280	0.10
40.66	0.01	5056.00	1.280	0.10
40.83	0.00	5056.00	1.280	0.10
41.00	0.00	5056.00	1.280	0.10
41.16	0.00	5056.00	1.280	0.10
41.33	0.00	5056.00	1.280	0.10
41.50	0.00	5056.00	1.280	0.10
41.66	0.00	5056.00	1.280	0.10
41.83	0.00	5056.00	1.280	0.10
42.00	0.00	5056.00	1.280	0.10

AHYMO.OUT

42.16	0.00	5056.00	1.280	0.10
42.33	0.00	5056.00	1.280	0.10
42.50	0.00	5056.00	1.280	0.10
42.66	0.00	5056.00	1.280	0.10
42.83	0.00	5056.00	1.280	0.10
43.00	0.00	5056.00	1.280	0.10
43.16	0.00	5056.00	1.280	0.10
43.33	0.00	5056.00	1.280	0.10
43.50	0.00	5056.00	1.280	0.10
43.66	0.00	5056.00	1.280	0.10
43.83	0.00	5056.00	1.280	0.10
44.00	0.00	5056.00	1.280	0.10
44.16	0.00	5056.00	1.280	0.10
44.33	0.00	5056.00	1.280	0.10
44.50	0.00	5056.00	1.280	0.10
44.66	0.00	5056.00	1.280	0.10
44.83	0.00	5056.00	1.280	0.10
45.00	0.00	5056.00	1.280	0.10
45.16	0.00	5056.00	1.280	0.10
45.33	0.00	5056.00	1.280	0.10
45.50	0.00	5056.00	1.280	0.10
45.66	0.00	5056.00	1.280	0.10
45.83	0.00	5056.00	1.280	0.10
46.00	0.00	5056.00	1.280	0.10
46.16	0.00	5056.00	1.280	0.10
46.33	0.00	5056.00	1.280	0.10
46.50	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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46.66	0.00	5056.00	1.280	0.10
46.83	0.00	5056.00	1.280	0.10
47.00	0.00	5056.00	1.280	0.10
47.16	0.00	5056.00	1.280	0.10
47.33	0.00	5056.00	1.280	0.10
47.50	0.00	5056.00	1.280	0.10
47.66	0.00	5056.00	1.280	0.10
47.83	0.00	5056.00	1.280	0.10
48.00	0.00	5056.00	1.280	0.10
48.16	0.00	5056.00	1.280	0.10
48.33	0.00	5056.00	1.280	0.10
48.50	0.00	5056.00	1.280	0.10
48.66	0.00	5056.00	1.280	0.10
48.83	0.00	5056.00	1.280	0.10
49.00	0.00	5056.00	1.280	0.10
49.16	0.00	5056.00	1.280	0.10
49.33	0.00	5056.00	1.280	0.10
49.50	0.00	5056.00	1.280	0.10
49.66	0.00	5056.00	1.280	0.10
49.83	0.00	5056.00	1.280	0.10
50.00	0.00	5056.00	1.280	0.10
50.16	0.00	5056.00	1.280	0.10
50.33	0.00	5056.00	1.280	0.10
50.49	0.00	5056.00	1.280	0.10
50.66	0.00	5056.00	1.280	0.10
50.83	0.00	5056.00	1.280	0.10

AHYMO.OUT

50.99	0.00	5056.00	1.280	0.10
51.16	0.00	5056.00	1.280	0.10
51.33	0.00	5056.00	1.280	0.10
51.49	0.00	5056.00	1.280	0.10
51.66	0.00	5056.00	1.280	0.10
51.83	0.00	5056.00	1.280	0.10
51.99	0.00	5056.00	1.280	0.10
52.16	0.00	5056.00	1.280	0.10
52.33	0.00	5056.00	1.280	0.10
52.49	0.00	5056.00	1.280	0.10
52.66	0.00	5056.00	1.280	0.10
52.83	0.00	5056.00	1.280	0.10
52.99	0.00	5056.00	1.280	0.10
53.16	0.00	5056.00	1.280	0.10
53.33	0.00	5056.00	1.280	0.10
53.49	0.00	5056.00	1.280	0.10
53.66	0.00	5056.00	1.280	0.10
53.83	0.00	5056.00	1.280	0.10
53.99	0.00	5056.00	1.280	0.10
54.16	0.00	5056.00	1.280	0.10
54.33	0.00	5056.00	1.280	0.10
54.49	0.00	5056.00	1.280	0.10
54.66	0.00	5056.00	1.280	0.10
54.83	0.00	5056.00	1.280	0.10
54.99	0.00	5056.00	1.280	0.10
55.16	0.00	5056.00	1.280	0.10
55.33	0.00	5056.00	1.280	0.10
55.49	0.00	5056.00	1.280	0.10
55.66	0.00	5056.00	1.280	0.10
55.83	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
55.99	0.00	5056.00	1.280	0.10
56.16	0.00	5056.00	1.280	0.10
56.33	0.00	5056.00	1.280	0.10
56.49	0.00	5056.00	1.280	0.10
56.66	0.00	5056.00	1.280	0.10
56.83	0.00	5056.00	1.280	0.10
56.99	0.00	5056.00	1.280	0.10
57.16	0.00	5056.00	1.280	0.10
57.33	0.00	5056.00	1.280	0.10
57.49	0.00	5056.00	1.280	0.10
57.66	0.00	5056.00	1.280	0.10
57.83	0.00	5056.00	1.280	0.10
57.99	0.00	5056.00	1.280	0.10
58.16	0.00	5056.00	1.280	0.10
58.33	0.00	5056.00	1.280	0.10
58.49	0.00	5056.00	1.280	0.10
58.66	0.00	5056.00	1.280	0.10
58.83	0.00	5056.00	1.280	0.10
58.99	0.00	5056.00	1.280	0.10
59.16	0.00	5056.00	1.280	0.10
59.33	0.00	5056.00	1.280	0.10
59.49	0.00	5056.00	1.280	0.10
59.66	0.00	5056.00	1.280	0.10

AHYMO.OUT

59.83	0.00	5056.00	1.280	0.10
59.99	0.00	5056.00	1.280	0.10
60.16	0.00	5056.00	1.280	0.10
60.33	0.00	5056.00	1.280	0.10
60.49	0.00	5056.00	1.280	0.10
60.66	0.00	5056.00	1.280	0.10
60.83	0.00	5056.00	1.280	0.10
60.99	0.00	5056.00	1.280	0.10
61.16	0.00	5056.00	1.280	0.10
61.33	0.00	5056.00	1.280	0.10
61.49	0.00	5056.00	1.280	0.10
61.66	0.00	5056.00	1.280	0.10
61.83	0.00	5056.00	1.280	0.10
61.99	0.00	5056.00	1.280	0.10
62.16	0.00	5056.00	1.280	0.10
62.33	0.00	5056.00	1.280	0.10
62.49	0.00	5056.00	1.280	0.10
62.66	0.00	5056.00	1.280	0.10
62.83	0.00	5056.00	1.280	0.10
62.99	0.00	5056.00	1.280	0.10
63.16	0.00	5056.00	1.280	0.10
63.33	0.00	5056.00	1.280	0.10
63.49	0.00	5056.00	1.280	0.10
63.66	0.00	5056.00	1.280	0.10
63.83	0.00	5056.00	1.280	0.10
63.99	0.00	5056.00	1.280	0.10
64.16	0.00	5056.00	1.280	0.10
64.33	0.00	5056.00	1.280	0.10
64.49	0.00	5056.00	1.280	0.10
64.66	0.00	5056.00	1.280	0.10
64.83	0.00	5056.00	1.280	0.10
64.99	0.00	5056.00	1.280	0.10
65.16	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
65.33	0.00	5056.00	1.280	0.10
65.49	0.00	5056.00	1.280	0.10
65.66	0.00	5056.00	1.280	0.10
65.83	0.00	5056.00	1.280	0.10
65.99	0.00	5056.00	1.280	0.10
66.16	0.00	5056.00	1.280	0.10
66.33	0.00	5056.00	1.280	0.10
66.49	0.00	5056.00	1.280	0.10
66.66	0.00	5056.00	1.280	0.10
66.83	0.00	5056.00	1.280	0.10
66.99	0.00	5056.00	1.280	0.10
67.16	0.00	5056.00	1.280	0.10
67.33	0.00	5056.00	1.280	0.10
67.49	0.00	5056.00	1.280	0.10
67.66	0.00	5056.00	1.280	0.10
67.83	0.00	5056.00	1.280	0.10
67.99	0.00	5056.00	1.280	0.10
68.16	0.00	5056.00	1.280	0.10
68.33	0.00	5056.00	1.280	0.10
68.49	0.00	5056.00	1.280	0.10

AHYMO.OUT

68.66	0.00	5056.00	1.280	0.10
68.83	0.00	5056.00	1.280	0.10
68.99	0.00	5056.00	1.280	0.10
69.16	0.00	5056.00	1.280	0.10
69.33	0.00	5056.00	1.280	0.10
69.49	0.00	5056.00	1.280	0.10
69.66	0.00	5056.00	1.280	0.10
69.83	0.00	5056.00	1.280	0.10
69.99	0.00	5056.00	1.280	0.10
70.16	0.00	5056.00	1.280	0.10
70.33	0.00	5056.00	1.280	0.10
70.49	0.00	5056.00	1.280	0.10
70.66	0.00	5056.00	1.280	0.10
70.83	0.00	5056.00	1.280	0.10
70.99	0.00	5056.00	1.280	0.10
71.16	0.00	5056.00	1.280	0.10
71.33	0.00	5056.00	1.280	0.10
71.49	0.00	5056.00	1.280	0.10
71.66	0.00	5056.00	1.280	0.10
71.83	0.00	5056.00	1.280	0.10
71.99	0.00	5056.00	1.280	0.10
72.16	0.00	5056.00	1.280	0.10
72.33	0.00	5056.00	1.280	0.10
72.49	0.00	5056.00	1.280	0.10
72.66	0.00	5056.00	1.280	0.10
72.83	0.00	5056.00	1.280	0.10
72.99	0.00	5056.00	1.280	0.10
73.16	0.00	5056.00	1.280	0.10
73.33	0.00	5056.00	1.280	0.10
73.49	0.00	5056.00	1.280	0.10
73.66	0.00	5056.00	1.280	0.10
73.83	0.00	5056.00	1.280	0.10
73.99	0.00	5056.00	1.280	0.10
74.16	0.00	5056.00	1.280	0.10
74.33	0.00	5056.00	1.280	0.10
74.49	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
74.66	0.00	5056.00	1.280	0.10
74.83	0.00	5056.00	1.280	0.10
74.99	0.00	5056.00	1.280	0.10
75.16	0.00	5056.00	1.280	0.10
75.33	0.00	5056.00	1.280	0.10
75.49	0.00	5056.00	1.280	0.10
75.66	0.00	5056.00	1.280	0.10
75.83	0.00	5056.00	1.280	0.10
75.99	0.00	5056.00	1.280	0.10
76.16	0.00	5056.00	1.280	0.10
76.33	0.00	5056.00	1.280	0.10
76.49	0.00	5056.00	1.280	0.10
76.66	0.00	5056.00	1.280	0.10
76.83	0.00	5056.00	1.280	0.10
76.99	0.00	5056.00	1.280	0.10
77.16	0.00	5056.00	1.280	0.10
77.33	0.00	5056.00	1.280	0.10

AHYMO.OUT

77.49	0.00	5056.00	1.280	0.10
77.66	0.00	5056.00	1.280	0.10
77.83	0.00	5056.00	1.280	0.10
77.99	0.00	5056.00	1.280	0.10
78.16	0.00	5056.00	1.280	0.10
78.33	0.00	5056.00	1.280	0.10
78.49	0.00	5056.00	1.280	0.10
78.66	0.00	5056.00	1.280	0.10
78.83	0.00	5056.00	1.280	0.10
78.99	0.00	5056.00	1.280	0.10
79.16	0.00	5056.00	1.280	0.10
79.33	0.00	5056.00	1.280	0.10
79.49	0.00	5056.00	1.280	0.10
79.66	0.00	5056.00	1.280	0.10
79.83	0.00	5056.00	1.280	0.10
79.99	0.00	5056.00	1.280	0.10
80.16	0.00	5056.00	1.280	0.10
80.33	0.00	5056.00	1.280	0.10
80.49	0.00	5056.00	1.280	0.10
80.66	0.00	5056.00	1.280	0.10
80.83	0.00	5056.00	1.280	0.10
80.99	0.00	5056.00	1.280	0.10
81.16	0.00	5056.00	1.280	0.10
81.33	0.00	5056.00	1.280	0.10
81.49	0.00	5056.00	1.280	0.10
81.66	0.00	5056.00	1.280	0.10
81.83	0.00	5056.00	1.280	0.10
81.99	0.00	5056.00	1.280	0.10
82.16	0.00	5056.00	1.280	0.10
82.33	0.00	5056.00	1.280	0.10
82.49	0.00	5056.00	1.280	0.10
82.66	0.00	5056.00	1.280	0.10
82.83	0.00	5056.00	1.280	0.10
82.99	0.00	5056.00	1.280	0.10
83.16	0.00	5056.00	1.280	0.10
83.33	0.00	5056.00	1.280	0.10
83.49	0.00	5056.00	1.280	0.10
83.66	0.00	5056.00	1.280	0.10
83.82	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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83.99	0.00	5056.00	1.280	0.10
84.16	0.00	5056.00	1.280	0.10
84.32	0.00	5056.00	1.280	0.10
84.49	0.00	5056.00	1.280	0.10
84.66	0.00	5056.00	1.280	0.10
84.82	0.00	5056.00	1.280	0.10
84.99	0.00	5056.00	1.280	0.10
85.16	0.00	5056.00	1.280	0.10
85.32	0.00	5056.00	1.280	0.10
85.49	0.00	5056.00	1.280	0.10
85.66	0.00	5056.00	1.280	0.10
85.82	0.00	5056.00	1.280	0.10
85.99	0.00	5056.00	1.280	0.10
86.16	0.00	5056.00	1.280	0.10

AHYMO.OUT

86.32	0.00	5056.00	1.280	0.10
86.49	0.00	5056.00	1.280	0.10
86.66	0.00	5056.00	1.280	0.10
86.82	0.00	5056.00	1.280	0.10
86.99	0.00	5056.00	1.280	0.10
87.16	0.00	5056.00	1.280	0.10
87.32	0.00	5056.00	1.280	0.10
87.49	0.00	5056.00	1.280	0.10
87.66	0.00	5056.00	1.280	0.10
87.82	0.00	5056.00	1.280	0.10
87.99	0.00	5056.00	1.280	0.10
88.16	0.00	5056.00	1.280	0.10
88.32	0.00	5056.00	1.280	0.10
88.49	0.00	5056.00	1.280	0.10
88.66	0.00	5056.00	1.280	0.10
88.82	0.00	5056.00	1.280	0.10
88.99	0.00	5056.00	1.280	0.10
89.16	0.00	5056.00	1.280	0.10
89.32	0.00	5056.00	1.280	0.10
89.49	0.00	5056.00	1.280	0.10
89.66	0.00	5056.00	1.280	0.10
89.82	0.00	5056.00	1.280	0.10
89.99	0.00	5056.00	1.280	0.10
90.16	0.00	5056.00	1.280	0.10
90.32	0.00	5056.00	1.280	0.10
90.49	0.00	5056.00	1.280	0.10
90.66	0.00	5056.00	1.280	0.10
90.82	0.00	5056.00	1.280	0.10
90.99	0.00	5056.00	1.280	0.10
91.16	0.00	5056.00	1.280	0.10
91.32	0.00	5056.00	1.280	0.10
91.49	0.00	5056.00	1.280	0.10
91.66	0.00	5056.00	1.280	0.10
91.82	0.00	5056.00	1.280	0.10
91.99	0.00	5056.00	1.280	0.10
92.16	0.00	5056.00	1.280	0.10
92.32	0.00	5056.00	1.280	0.10
92.49	0.00	5056.00	1.280	0.10
92.66	0.00	5056.00	1.280	0.10
92.82	0.00	5056.00	1.280	0.10
92.99	0.00	5056.00	1.280	0.10
93.16	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
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93.32	0.00	5056.00	1.280	0.10
93.49	0.00	5056.00	1.280	0.10
93.66	0.00	5056.00	1.280	0.10
93.82	0.00	5056.00	1.280	0.10
93.99	0.00	5056.00	1.280	0.10
94.16	0.00	5056.00	1.280	0.10
94.32	0.00	5056.00	1.280	0.10
94.49	0.00	5056.00	1.280	0.10
94.66	0.00	5056.00	1.280	0.10
94.82	0.00	5056.00	1.280	0.10
94.99	0.00	5056.00	1.280	0.10

AHYMO.OUT

95.16	0.00	5056.00	1.280	0.10
95.32	0.00	5056.00	1.280	0.10
95.49	0.00	5056.00	1.280	0.10
95.66	0.00	5056.00	1.280	0.10
95.82	0.00	5056.00	1.280	0.10
95.99	0.00	5056.00	1.280	0.10
96.16	0.00	5056.00	1.280	0.10
96.32	0.00	5056.00	1.280	0.10
96.49	0.00	5056.00	1.280	0.10
96.66	0.00	5056.00	1.280	0.10
96.82	0.00	5056.00	1.280	0.10
96.99	0.00	5056.00	1.280	0.10
97.16	0.00	5056.00	1.280	0.10
97.32	0.00	5056.00	1.280	0.10
97.49	0.00	5056.00	1.280	0.10
97.66	0.00	5056.00	1.280	0.10
97.82	0.00	5056.00	1.280	0.10
97.99	0.00	5056.00	1.280	0.10
98.16	0.00	5056.00	1.280	0.10
98.32	0.00	5056.00	1.280	0.10
98.49	0.00	5056.00	1.280	0.10
98.66	0.00	5056.00	1.280	0.10
98.82	0.00	5056.00	1.280	0.10
98.99	0.00	5056.00	1.280	0.10
99.16	0.00	5056.00	1.280	0.10
99.32	0.00	5056.00	1.280	0.10
99.49	0.00	5056.00	1.280	0.10
99.66	0.00	5056.00	1.280	0.10
99.82	0.00	5056.00	1.280	0.10
99.99	0.00	5056.00	1.280	0.10
100.16	0.00	5056.00	1.280	0.10
100.32	0.00	5056.00	1.280	0.10
100.49	0.00	5056.00	1.280	0.10
100.66	0.00	5056.00	1.280	0.10
100.82	0.00	5056.00	1.280	0.10
100.99	0.00	5056.00	1.280	0.10
101.16	0.00	5056.00	1.280	0.10
101.32	0.00	5056.00	1.280	0.10
101.49	0.00	5056.00	1.280	0.10
101.66	0.00	5056.00	1.280	0.10
101.82	0.00	5056.00	1.280	0.10
101.99	0.00	5056.00	1.280	0.10
102.16	0.00	5056.00	1.280	0.10
102.32	0.00	5056.00	1.280	0.10
102.49	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
102.66	0.00	5056.00	1.280	0.10
102.82	0.00	5056.00	1.280	0.10
102.99	0.00	5056.00	1.280	0.10
103.16	0.00	5056.00	1.280	0.10
103.32	0.00	5056.00	1.280	0.10
103.49	0.00	5056.00	1.280	0.10
103.66	0.00	5056.00	1.280	0.10
103.82	0.00	5056.00	1.280	0.10

AHYMO.OUT

103.99	0.00	5056.00	1.280	0.10
104.16	0.00	5056.00	1.280	0.10
104.32	0.00	5056.00	1.280	0.10
104.49	0.00	5056.00	1.280	0.10
104.66	0.00	5056.00	1.280	0.10
104.82	0.00	5056.00	1.280	0.10
104.99	0.00	5056.00	1.280	0.10
105.16	0.00	5056.00	1.280	0.10
105.32	0.00	5056.00	1.280	0.10
105.49	0.00	5056.00	1.280	0.10
105.66	0.00	5056.00	1.280	0.10
105.82	0.00	5056.00	1.280	0.10
105.99	0.00	5056.00	1.280	0.10
106.16	0.00	5056.00	1.280	0.10
106.32	0.00	5056.00	1.280	0.10
106.49	0.00	5056.00	1.280	0.10
106.66	0.00	5056.00	1.280	0.10
106.82	0.00	5056.00	1.280	0.10
106.99	0.00	5056.00	1.280	0.10
107.16	0.00	5056.00	1.280	0.10
107.32	0.00	5056.00	1.280	0.10
107.49	0.00	5056.00	1.280	0.10
107.66	0.00	5056.00	1.280	0.10
107.82	0.00	5056.00	1.280	0.10
107.99	0.00	5056.00	1.280	0.10
108.16	0.00	5056.00	1.280	0.10
108.32	0.00	5056.00	1.280	0.10
108.49	0.00	5056.00	1.280	0.10
108.66	0.00	5056.00	1.280	0.10
108.82	0.00	5056.00	1.280	0.10
108.99	0.00	5056.00	1.280	0.10
109.16	0.00	5056.00	1.280	0.10
109.32	0.00	5056.00	1.280	0.10
109.49	0.00	5056.00	1.280	0.10
109.66	0.00	5056.00	1.280	0.10
109.82	0.00	5056.00	1.280	0.10
109.99	0.00	5056.00	1.280	0.10
110.16	0.00	5056.00	1.280	0.10
110.32	0.00	5056.00	1.280	0.10
110.49	0.00	5056.00	1.280	0.10
110.66	0.00	5056.00	1.280	0.10
110.82	0.00	5056.00	1.280	0.10
110.99	0.00	5056.00	1.280	0.10
111.16	0.00	5056.00	1.280	0.10
111.32	0.00	5056.00	1.280	0.10
111.49	0.00	5056.00	1.280	0.10
111.66	0.00	5056.00	1.280	0.10
111.82	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
111.99	0.00	5056.00	1.280	0.10
112.16	0.00	5056.00	1.280	0.10
112.32	0.00	5056.00	1.280	0.10
112.49	0.00	5056.00	1.280	0.10
112.66	0.00	5056.00	1.280	0.10

AHYMO.OUT

112.82	0.00	5056.00	1.280	0.10
112.99	0.00	5056.00	1.280	0.10
113.16	0.00	5056.00	1.280	0.10
113.32	0.00	5056.00	1.280	0.10
113.49	0.00	5056.00	1.280	0.10
113.66	0.00	5056.00	1.280	0.10
113.82	0.00	5056.00	1.280	0.10
113.99	0.00	5056.00	1.280	0.10
114.16	0.00	5056.00	1.280	0.10
114.32	0.00	5056.00	1.280	0.10
114.49	0.00	5056.00	1.280	0.10
114.66	0.00	5056.00	1.280	0.10
114.82	0.00	5056.00	1.280	0.10
114.99	0.00	5056.00	1.280	0.10
115.16	0.00	5056.00	1.280	0.10
115.32	0.00	5056.00	1.280	0.10
115.49	0.00	5056.00	1.280	0.10
115.66	0.00	5056.00	1.280	0.10
115.82	0.00	5056.00	1.280	0.10
115.99	0.00	5056.00	1.280	0.10
116.16	0.00	5056.00	1.280	0.10
116.32	0.00	5056.00	1.280	0.10
116.49	0.00	5056.00	1.280	0.10
116.66	0.00	5056.00	1.280	0.10
116.82	0.00	5056.00	1.280	0.10
116.99	0.00	5056.00	1.280	0.10
117.15	0.00	5056.00	1.280	0.10
117.32	0.00	5056.00	1.280	0.10
117.49	0.00	5056.00	1.280	0.10
117.65	0.00	5056.00	1.280	0.10
117.82	0.00	5056.00	1.280	0.10
117.99	0.00	5056.00	1.280	0.10
118.15	0.00	5056.00	1.280	0.10
118.32	0.00	5056.00	1.280	0.10
118.49	0.00	5056.00	1.280	0.10
118.65	0.00	5056.00	1.280	0.10
118.82	0.00	5056.00	1.280	0.10
118.99	0.00	5056.00	1.280	0.10
119.15	0.00	5056.00	1.280	0.10
119.32	0.00	5056.00	1.280	0.10
119.49	0.00	5056.00	1.280	0.10
119.65	0.00	5056.00	1.280	0.10
119.82	0.00	5056.00	1.280	0.10
119.99	0.00	5056.00	1.280	0.10
120.15	0.00	5056.00	1.280	0.10
120.32	0.00	5056.00	1.280	0.10
120.49	0.00	5056.00	1.280	0.10
120.65	0.00	5056.00	1.280	0.10
120.82	0.00	5056.00	1.280	0.10
120.99	0.00	5056.00	1.280	0.10
121.15	0.00	5056.00	1.280	0.10

TIME (HRS)	INFLOW (CFS)	ELEV (FEET)	VOLUME (AC-FT)	OUTFLOW (CFS)
121.32	0.00	5056.00	1.280	0.10
121.49	0.00	5056.00	1.280	0.10

AHYMO.OUT

121.65	0.00	5056.00	1.280	0.10
121.82	0.00	5056.00	1.280	0.10
121.99	0.00	5056.00	1.280	0.10
122.15	0.00	5056.00	1.280	0.10
122.32	0.00	5056.00	1.280	0.10
122.49	0.00	5056.00	1.280	0.10
122.65	0.00	5056.00	1.280	0.10
122.82	0.00	5056.00	1.280	0.10
122.99	0.00	5056.00	1.280	0.10
123.15	0.00	5056.00	1.280	0.10
123.32	0.00	5056.00	1.280	0.10
123.49	0.00	5056.00	1.280	0.10
123.65	0.00	5056.00	1.280	0.10
123.82	0.00	5056.00	1.280	0.10
123.99	0.00	5056.00	1.280	0.10
124.15	0.00	5056.00	1.280	0.10
124.32	0.00	5056.00	1.280	0.10
124.49	0.00	5056.00	1.280	0.10
124.65	0.00	5056.00	1.280	0.10
124.82	0.00	5056.00	1.280	0.10
124.99	0.00	5056.00	1.280	0.10
125.15	0.00	5056.00	1.280	0.10
125.32	0.00	5056.00	1.280	0.10
125.49	0.00	5056.00	1.280	0.10
125.65	0.00	5056.00	1.280	0.10
125.82	0.00	5056.00	1.280	0.10
125.99	0.00	5056.00	1.280	0.10
126.15	0.00	5056.00	1.280	0.10
126.32	0.00	5056.00	1.280	0.10
126.49	0.00	5056.00	1.280	0.10
126.65	0.00	5056.00	1.280	0.10
126.82	0.00	5056.00	1.280	0.10
126.99	0.00	5056.00	1.280	0.10
127.15	0.00	5056.00	1.280	0.10
127.32	0.00	5056.00	1.280	0.10
127.49	0.00	5056.00	1.280	0.10
127.65	0.00	5056.00	1.280	0.10
127.82	0.00	5056.00	1.280	0.10
127.99	0.00	5056.00	1.280	0.10
128.15	0.00	5056.00	1.280	0.10
128.32	0.00	5056.00	1.280	0.10
128.49	0.00	5056.00	1.280	0.10
128.65	0.00	5056.00	1.280	0.10
128.82	0.00	5056.00	1.280	0.10
128.99	0.00	5056.00	1.280	0.10
129.15	0.00	5056.00	1.280	0.10
129.32	0.00	5056.00	1.280	0.10
129.49	0.00	5056.00	1.280	0.10
129.65	0.00	5056.00	1.280	0.10
129.82	0.00	5056.00	1.280	0.10
129.99	0.00	5056.00	1.280	0.10
130.15	0.00	5056.00	1.280	0.10
130.32	0.00	5056.00	1.280	0.10
130.49	0.00	5056.00	1.280	0.10

TIME	INFLOW	ELEV	VOLUME	OUTFLOW
(HRS)	(CFS)	(FEET)	(AC-FT)	(CFS)

AHYMO.OUT

130.65	0.00	5056.00	1.280	0.10
130.82	0.00	5056.00	1.280	0.10
130.99	0.00	5056.00	1.280	0.10
131.15	0.00	5056.00	1.280	0.10
131.32	0.00	5056.00	1.280	0.10
131.49	0.00	5056.00	1.280	0.10
131.65	0.00	5056.00	1.280	0.10
131.82	0.00	5056.00	1.280	0.10
131.99	0.00	5056.00	1.280	0.10
132.15	0.00	5056.00	1.280	0.10
132.32	0.00	5056.00	1.280	0.10
132.49	0.00	5056.00	1.280	0.10
132.65	0.00	5056.00	1.280	0.10
132.82	0.00	5056.00	1.280	0.10
132.99	0.00	5056.00	1.280	0.10
133.15	0.00	5056.00	1.280	0.10

PEAK DISCHARGE = 105.757 CFS - PEAK OCCURS AT HOUR 1.67
 MAXIMUM WATER SURFACE ELEVATION = 5058.988
 MAXIMUM STORAGE = 2.9624 AC-FT INCREMENTAL TIME= 0.033330HRS

*****48" SD INV OUT=5056.5

*OUTFLOW IS BASED ON PROPOSED OUTLET LOCATED IN POND THATS IS IN A 50% CLOGGED C

*SEE SHEET C-001 OF PHASE 1 SUBMITTAL (J08D003A)

*TOTAL FLOW FROM DRAINAGE POND OUTLET STRUCTURE TO S-2 STRUCTURE

PRINT HYD ID = 33

HYDROGRAPH FROM AREA OUTFLOW

FLOW	TIME	FLOW	TIME	FLOW	TIME	FLOW	TIME
	HRS	CFS		HRS	CFS		HRS
CFS	HRS	CFS					
	0.000	0.0		26.664	0.1		53.328
0.1	106.659	0.1					79.993
	0.033	0.1		26.698	0.1		53.361
0.1	106.692	0.1					80.026
	0.067	0.1		26.731	0.1		53.394
0.1	106.726	0.1					80.059
	0.100	0.1		26.764	0.1		53.428
0.1	106.759	0.1					80.093
	0.133	0.1		26.798	0.1		53.461
0.1	106.792	0.1					80.126
	0.167	0.1		26.831	0.1		53.494
0.1	106.826	0.1					80.159
	0.200	0.1		26.864	0.1		53.528
0.1	106.859	0.1					80.193
	0.233	0.1		26.898	0.1		53.561
0.1	106.892	0.1					80.226
	0.267	0.1		26.931	0.1		53.594
0.1	106.926	0.1					80.259
	0.300	0.1		26.964	0.1		53.628
0.1	106.959	0.1					80.293
	0.333	0.1		26.998	0.1		53.661
0.1	106.992	0.1					80.326
	0.367	0.1		27.031	0.1		53.694
0.1	107.026	0.1					80.359

				AHYMO.OUT			
	0.400	0.1	27.064	0.1	53.728	0.1	80.393
0.1	107.059	0.1					
	0.433	0.1	27.098	0.1	53.761	0.1	80.426
0.1	107.092	0.1					
	0.467	0.1	27.131	0.1	53.794	0.1	80.459
0.1	107.126	0.1					
	0.500	0.1	27.164	0.1	53.828	0.1	80.493
0.1	107.159	0.1					
	0.533	0.1	27.198	0.1	53.861	0.1	80.526
0.1	107.192	0.1					
	0.567	0.1	27.231	0.1	53.894	0.1	80.559
0.1	107.226	0.1					
	0.600	0.1	27.264	0.1	53.928	0.1	80.593
0.1	107.259	0.1					
	0.633	0.1	27.298	0.1	53.961	0.1	80.626
0.1	107.292	0.1					
	0.667	0.1	27.331	0.1	53.994	0.1	80.659
0.1	107.326	0.1					
	0.700	0.1	27.364	0.1	54.028	0.1	80.693
0.1	107.359	0.1					
	0.733	0.1	27.398	0.1	54.061	0.1	80.726
0.1	107.392	0.1					
	0.767	0.1	27.431	0.1	54.094	0.1	80.759
0.1	107.426	0.1					
	0.800	0.1	27.464	0.1	54.128	0.1	80.793
0.1	107.459	0.1					
	0.833	0.1	27.498	0.1	54.161	0.1	80.826
0.1	107.492	0.1					
	0.867	0.1	27.531	0.1	54.194	0.1	80.859
0.1	107.526	0.1					
	0.900	0.1	27.564	0.1	54.228	0.1	80.893
0.1	107.559	0.1					
	0.933	0.1	27.598	0.1	54.261	0.1	80.926
0.1	107.592	0.1					
	0.967	0.1	27.631	0.1	54.294	0.1	80.959
0.1	107.626	0.1					
	1.000	0.1	27.664	0.1	54.328	0.1	80.993
0.1	107.659	0.1					
	1.033	0.1	27.698	0.1	54.361	0.1	81.026
0.1	107.692	0.1					
	1.067	0.1	27.731	0.1	54.394	0.1	81.059
0.1	107.726	0.1					
	1.100	0.1	27.764	0.1	54.428	0.1	81.093
0.1	107.759	0.1					
	1.133	0.1	27.798	0.1	54.461	0.1	81.126
0.1	107.792	0.1					
	1.167	0.1	27.831	0.1	54.494	0.1	81.159
0.1	107.826	0.1					
	1.200	0.1	27.864	0.1	54.528	0.1	81.193
0.1	107.859	0.1					
	1.233	0.1	27.898	0.1	54.561	0.1	81.226
0.1	107.892	0.1					
	1.267	0.1	27.931	0.1	54.594	0.1	81.259
0.1	107.926	0.1					
	1.300	0.1	27.964	0.1	54.628	0.1	81.293
0.1	107.959	0.1					
	1.333	0.1	27.998	0.1	54.661	0.1	81.326

AHYMO.OUT							
0.1	107.992	0.1					
	1.367	0.1	28.031	0.1	54.694	0.1	81.359
0.1	108.026	0.1					
	1.400	0.1	28.064	0.1	54.728	0.1	81.393
0.1	108.059	0.1					
	1.433	0.1	28.098	0.1	54.761	0.1	81.426
0.1	108.092	0.1					
	1.467	0.1	28.131	0.1	54.794	0.1	81.459
0.1	108.126	0.1					
	1.500	9.2	28.164	0.1	54.828	0.1	81.493
0.1	108.159	0.1					
	1.533	67.4	28.198	0.1	54.861	0.1	81.526
0.1	108.192	0.1					
	1.567	86.9	28.231	0.1	54.894	0.1	81.559
0.1	108.226	0.1					
	1.600	97.4	28.264	0.1	54.928	0.1	81.593
0.1	108.259	0.1					
	1.633	103.7	28.297	0.1	54.961	0.1	81.626
0.1	108.292	0.1					
	1.666	105.8	28.331	0.1	54.994	0.1	81.659
0.1	108.326	0.1					
	1.700	104.3	28.364	0.1	55.028	0.1	81.693
0.1	108.359	0.1					
	1.733	100.8	28.397	0.1	55.061	0.1	81.726
0.1	108.392	0.1					
	1.766	96.5	28.431	0.1	55.094	0.1	81.759
0.1	108.426	0.1					
	1.800	91.9	28.464	0.1	55.128	0.1	81.793
0.1	108.459	0.1					
	1.833	86.9	28.497	0.1	55.161	0.1	81.826
0.1	108.492	0.1					
	1.866	80.4	28.531	0.1	55.194	0.1	81.859
0.1	108.526	0.1					
	1.900	73.9	28.564	0.1	55.228	0.1	81.893
0.1	108.559	0.1					
	1.933	67.7	28.597	0.1	55.261	0.1	81.926
0.1	108.592	0.1					
	1.966	61.9	28.631	0.1	55.294	0.1	81.959
0.1	108.626	0.1					
	2.000	49.2	28.664	0.1	55.328	0.1	81.993
0.1	108.659	0.1					
	2.033	39.1	28.697	0.1	55.361	0.1	82.026
0.1	108.692	0.1					
	2.066	31.4	28.731	0.1	55.394	0.1	82.059
0.1	108.726	0.1					
	2.100	25.6	28.764	0.1	55.428	0.1	82.093
0.1	108.759	0.1					
	2.133	21.2	28.797	0.1	55.461	0.1	82.126
0.1	108.792	0.1					
	2.166	17.9	28.831	0.1	55.494	0.1	82.159
0.1	108.826	0.1					
	2.200	15.2	28.864	0.1	55.528	0.1	82.193
0.1	108.859	0.1					
	2.233	13.2	28.897	0.1	55.561	0.1	82.226
0.1	108.892	0.1					
	2.266	11.5	28.931	0.1	55.594	0.1	82.259
0.1	108.926	0.1					

				AHYMO.OUT			
	2.300	10.2	28.964	0.1	55.627	0.1	82.293
0.1	108.959	0.1					
	2.333	9.1	28.997	0.1	55.661	0.1	82.326
0.1	108.992	0.1					
	2.366	8.1	29.031	0.1	55.694	0.1	82.359
0.1	109.026	0.1					
	2.400	7.4	29.064	0.1	55.727	0.1	82.393
0.1	109.059	0.1					
	2.433	6.7	29.097	0.1	55.761	0.1	82.426
0.1	109.092	0.1					
	2.466	6.0	29.131	0.1	55.794	0.1	82.459
0.1	109.126	0.1					
	2.500	5.5	29.164	0.1	55.827	0.1	82.493
0.1	109.159	0.1					
	2.533	5.0	29.197	0.1	55.861	0.1	82.526
0.1	109.192	0.1					
	2.566	4.5	29.231	0.1	55.894	0.1	82.559
0.1	109.226	0.1					
	2.600	4.1	29.264	0.1	55.927	0.1	82.593
0.1	109.259	0.1					
	2.633	3.7	29.297	0.1	55.961	0.1	82.626
0.1	109.292	0.1					
	2.666	3.4	29.331	0.1	55.994	0.1	82.659
0.1	109.326	0.1					
	2.700	3.1	29.364	0.1	56.027	0.1	82.693
0.1	109.359	0.1					
	2.733	2.9	29.397	0.1	56.061	0.1	82.726
0.1	109.392	0.1					
	2.766	2.7	29.431	0.1	56.094	0.1	82.759
0.1	109.426	0.1					
	2.800	2.5	29.464	0.1	56.127	0.1	82.793
0.1	109.459	0.1					
	2.833	2.3	29.497	0.1	56.161	0.1	82.826
0.1	109.492	0.1					
	2.866	2.1	29.531	0.1	56.194	0.1	82.859
0.1	109.526	0.1					
	2.900	1.9	29.564	0.1	56.227	0.1	82.893
0.1	109.559	0.1					
	2.933	1.8	29.597	0.1	56.261	0.1	82.926
0.1	109.592	0.1					
	2.966	1.7	29.631	0.1	56.294	0.1	82.959
0.1	109.626	0.1					
	3.000	1.5	29.664	0.1	56.327	0.1	82.993
0.1	109.659	0.1					
	3.033	1.4	29.697	0.1	56.361	0.1	83.026
0.1	109.692	0.1					
	3.066	1.3	29.731	0.1	56.394	0.1	83.059
0.1	109.726	0.1					
	3.100	1.3	29.764	0.1	56.427	0.1	83.093
0.1	109.759	0.1					
	3.133	1.2	29.797	0.1	56.461	0.1	83.126
0.1	109.792	0.1					
	3.166	1.1	29.831	0.1	56.494	0.1	83.159
0.1	109.826	0.1					
	3.200	1.0	29.864	0.1	56.527	0.1	83.193
0.1	109.859	0.1					
	3.233	1.0	29.897	0.1	56.561	0.1	83.226

AHYMO.OUT							
0.1	109.892	0.1					
	3.266	0.9	29.931	0.1	56.594	0.1	83.259
0.1	109.926	0.1					
	3.300	0.8	29.964	0.1	56.627	0.1	83.293
0.1	109.959	0.1					
	3.333	0.8	29.997	0.1	56.661	0.1	83.326
0.1	109.992	0.1					
	3.366	0.7	30.031	0.1	56.694	0.1	83.359
0.1	110.026	0.1					
	3.400	0.7	30.064	0.1	56.727	0.1	83.393
0.1	110.059	0.1					
	3.433	0.7	30.097	0.1	56.761	0.1	83.426
0.1	110.092	0.1					
	3.466	0.6	30.131	0.1	56.794	0.1	83.459
0.1	110.126	0.1					
	3.500	0.6	30.164	0.1	56.827	0.1	83.493
0.1	110.159	0.1					
	3.533	0.5	30.197	0.1	56.861	0.1	83.526
0.1	110.192	0.1					
	3.566	0.5	30.231	0.1	56.894	0.1	83.559
0.1	110.226	0.1					
	3.600	0.5	30.264	0.1	56.927	0.1	83.593
0.1	110.259	0.1					
	3.633	0.5	30.297	0.1	56.961	0.1	83.626
0.1	110.292	0.1					
	3.666	0.4	30.331	0.1	56.994	0.1	83.659
0.1	110.326	0.1					
	3.700	0.4	30.364	0.1	57.027	0.1	83.693
0.1	110.359	0.1					
	3.733	0.4	30.397	0.1	57.061	0.1	83.726
0.1	110.392	0.1					
	3.766	0.4	30.431	0.1	57.094	0.1	83.759
0.1	110.426	0.1					
	3.800	0.4	30.464	0.1	57.127	0.1	83.793
0.1	110.459	0.1					
	3.833	0.3	30.497	0.1	57.161	0.1	83.826
0.1	110.492	0.1					
	3.866	0.3	30.531	0.1	57.194	0.1	83.859
0.1	110.526	0.1					
	3.900	0.3	30.564	0.1	57.227	0.1	83.893
0.1	110.559	0.1					
	3.933	0.3	30.597	0.1	57.261	0.1	83.926
0.1	110.592	0.1					
	3.966	0.3	30.631	0.1	57.294	0.1	83.959
0.1	110.626	0.1					
	4.000	0.3	30.664	0.1	57.327	0.1	83.993
0.1	110.659	0.1					
	4.033	0.3	30.697	0.1	57.361	0.1	84.026
0.1	110.692	0.1					
	4.066	0.3	30.731	0.1	57.394	0.1	84.059
0.1	110.726	0.1					
	4.100	0.3	30.764	0.1	57.427	0.1	84.093
0.1	110.759	0.1					
	4.133	0.3	30.797	0.1	57.461	0.1	84.126
0.1	110.792	0.1					
	4.166	0.3	30.831	0.1	57.494	0.1	84.159
0.1	110.826	0.1					

				AHYMO.OUT			
	4.200	0.3	30.864	0.1	57.527	0.1	84.193
0.1	110.859	0.1					
	4.233	0.3	30.897	0.1	57.561	0.1	84.226
0.1	110.892	0.1					
	4.266	0.3	30.931	0.1	57.594	0.1	84.259
0.1	110.926	0.1					
	4.300	0.3	30.964	0.1	57.627	0.1	84.293
0.1	110.959	0.1					
	4.333	0.3	30.997	0.1	57.661	0.1	84.326
0.1	110.992	0.1					
	4.366	0.3	31.031	0.1	57.694	0.1	84.359
0.1	111.026	0.1					
	4.400	0.3	31.064	0.1	57.727	0.1	84.393
0.1	111.059	0.1					
	4.433	0.3	31.097	0.1	57.761	0.1	84.426
0.1	111.092	0.1					
	4.466	0.3	31.131	0.1	57.794	0.1	84.459
0.1	111.126	0.1					
	4.500	0.3	31.164	0.1	57.827	0.1	84.493
0.1	111.159	0.1					
	4.533	0.3	31.197	0.1	57.861	0.1	84.526
0.1	111.192	0.1					
	4.566	0.3	31.231	0.1	57.894	0.1	84.559
0.1	111.226	0.1					
	4.600	0.3	31.264	0.1	57.927	0.1	84.593
0.1	111.259	0.1					
	4.633	0.3	31.297	0.1	57.961	0.1	84.626
0.1	111.292	0.1					
	4.666	0.3	31.331	0.1	57.994	0.1	84.659
0.1	111.326	0.1					
	4.700	0.3	31.364	0.1	58.027	0.1	84.693
0.1	111.359	0.1					
	4.733	0.3	31.397	0.1	58.061	0.1	84.726
0.1	111.392	0.1					
	4.766	0.3	31.431	0.1	58.094	0.1	84.759
0.1	111.426	0.1					
	4.800	0.3	31.464	0.1	58.127	0.1	84.793
0.1	111.459	0.1					
	4.833	0.3	31.497	0.1	58.160	0.1	84.826
0.1	111.492	0.1					
	4.866	0.3	31.531	0.1	58.194	0.1	84.859
0.1	111.526	0.1					
	4.900	0.3	31.564	0.1	58.227	0.1	84.893
0.1	111.559	0.1					
	4.933	0.3	31.597	0.1	58.260	0.1	84.926
0.1	111.592	0.1					
	4.966	0.3	31.631	0.1	58.294	0.1	84.959
0.1	111.626	0.1					
	4.999	0.3	31.664	0.1	58.327	0.1	84.993
0.1	111.659	0.1					
	5.033	0.3	31.697	0.1	58.360	0.1	85.026
0.1	111.692	0.1					
	5.066	0.3	31.731	0.1	58.394	0.1	85.059
0.1	111.726	0.1					
	5.099	0.3	31.764	0.1	58.427	0.1	85.093
0.1	111.759	0.1					
	5.133	0.3	31.797	0.1	58.460	0.1	85.126

AHYMO.OUT							
0.1	111.792	0.1					
	5.166	0.3	31.831	0.1	58.494	0.1	85.159
0.1	111.826	0.1					
	5.199	0.3	31.864	0.1	58.527	0.1	85.193
0.1	111.859	0.1					
	5.233	0.3	31.897	0.1	58.560	0.1	85.226
0.1	111.892	0.1					
	5.266	0.3	31.931	0.1	58.594	0.1	85.259
0.1	111.926	0.1					
	5.299	0.3	31.964	0.1	58.627	0.1	85.293
0.1	111.959	0.1					
	5.333	0.3	31.997	0.1	58.660	0.1	85.326
0.1	111.992	0.1					
	5.366	0.3	32.031	0.1	58.694	0.1	85.359
0.1	112.026	0.1					
	5.399	0.3	32.064	0.1	58.727	0.1	85.393
0.1	112.059	0.1					
	5.433	0.3	32.097	0.1	58.760	0.1	85.426
0.1	112.092	0.1					
	5.466	0.3	32.131	0.1	58.794	0.1	85.459
0.1	112.126	0.1					
	5.499	0.3	32.164	0.1	58.827	0.1	85.493
0.1	112.159	0.1					
	5.533	0.3	32.197	0.1	58.860	0.1	85.526
0.1	112.192	0.1					
	5.566	0.3	32.231	0.1	58.894	0.1	85.559
0.1	112.226	0.1					
	5.599	0.3	32.264	0.1	58.927	0.1	85.593
0.1	112.259	0.1					
	5.633	0.3	32.297	0.1	58.960	0.1	85.626
0.1	112.292	0.1					
	5.666	0.3	32.331	0.1	58.994	0.1	85.659
0.1	112.326	0.1					
	5.699	0.3	32.364	0.1	59.027	0.1	85.693
0.1	112.359	0.1					
	5.733	0.3	32.397	0.1	59.060	0.1	85.726
0.1	112.392	0.1					
	5.766	0.3	32.431	0.1	59.094	0.1	85.759
0.1	112.426	0.1					
	5.799	0.3	32.464	0.1	59.127	0.1	85.793
0.1	112.459	0.1					
	5.833	0.3	32.497	0.1	59.160	0.1	85.826
0.1	112.492	0.1					
	5.866	0.3	32.530	0.1	59.194	0.1	85.859
0.1	112.526	0.1					
	5.899	0.3	32.564	0.1	59.227	0.1	85.893
0.1	112.559	0.1					
	5.933	0.3	32.597	0.1	59.260	0.1	85.926
0.1	112.592	0.1					
	5.966	0.3	32.630	0.1	59.294	0.1	85.959
0.1	112.626	0.1					
	5.999	0.3	32.664	0.1	59.327	0.1	85.993
0.1	112.659	0.1					
	6.033	0.3	32.697	0.1	59.360	0.1	86.026
0.1	112.692	0.1					
	6.066	0.3	32.730	0.1	59.394	0.1	86.059
0.1	112.726	0.1					

				AHYMO.OUT			
	6.099	0.3	32.764	0.1	59.427	0.1	86.093
0.1	112.759	0.1					
	6.133	0.3	32.797	0.1	59.460	0.1	86.126
0.1	112.792	0.1					
	6.166	0.3	32.830	0.1	59.494	0.1	86.159
0.1	112.826	0.1					
	6.199	0.2	32.864	0.1	59.527	0.1	86.193
0.1	112.859	0.1					
	6.233	0.2	32.897	0.1	59.560	0.1	86.226
0.1	112.892	0.1					
	6.266	0.2	32.930	0.1	59.594	0.1	86.259
0.1	112.926	0.1					
	6.299	0.2	32.964	0.1	59.627	0.1	86.293
0.1	112.959	0.1					
	6.333	0.2	32.997	0.1	59.660	0.1	86.326
0.1	112.992	0.1					
	6.366	0.1	33.030	0.1	59.694	0.1	86.359
0.1	113.026	0.1					
	6.399	0.1	33.064	0.1	59.727	0.1	86.393
0.1	113.059	0.1					
	6.433	0.1	33.097	0.1	59.760	0.1	86.426
0.1	113.092	0.1					
	6.466	0.1	33.130	0.1	59.794	0.1	86.459
0.1	113.126	0.1					
	6.499	0.1	33.164	0.1	59.827	0.1	86.493
0.1	113.159	0.1					
	6.533	0.1	33.197	0.1	59.860	0.1	86.526
0.1	113.192	0.1					
	6.566	0.1	33.230	0.1	59.894	0.1	86.559
0.1	113.226	0.1					
	6.599	0.1	33.264	0.1	59.927	0.1	86.593
0.1	113.259	0.1					
	6.633	0.1	33.297	0.1	59.960	0.1	86.626
0.1	113.292	0.1					
	6.666	0.1	33.330	0.1	59.994	0.1	86.659
0.1	113.326	0.1					
	6.699	0.1	33.364	0.1	60.027	0.1	86.693
0.1	113.359	0.1					
	6.733	0.1	33.397	0.1	60.060	0.1	86.726
0.1	113.392	0.1					
	6.766	0.1	33.430	0.1	60.094	0.1	86.759
0.1	113.426	0.1					
	6.799	0.1	33.464	0.1	60.127	0.1	86.793
0.1	113.459	0.1					
	6.833	0.1	33.497	0.1	60.160	0.1	86.826
0.1	113.492	0.1					
	6.866	0.1	33.530	0.1	60.194	0.1	86.859
0.1	113.526	0.1					
	6.899	0.1	33.564	0.1	60.227	0.1	86.893
0.1	113.559	0.1					
	6.933	0.1	33.597	0.1	60.260	0.1	86.926
0.1	113.592	0.1					
	6.966	0.1	33.630	0.1	60.294	0.1	86.959
0.1	113.626	0.1					
	6.999	0.1	33.664	0.1	60.327	0.1	86.993
0.1	113.659	0.1					
	7.033	0.1	33.697	0.1	60.360	0.1	87.026

AHYMO.OUT							
0.1	113.692	0.1					
	7.066	0.1	33.730	0.1	60.394	0.1	87.059
0.1	113.726	0.1					
	7.099	0.1	33.764	0.1	60.427	0.1	87.093
0.1	113.759	0.1					
	7.133	0.1	33.797	0.1	60.460	0.1	87.126
0.1	113.792	0.1					
	7.166	0.1	33.830	0.1	60.494	0.1	87.159
0.1	113.826	0.1					
	7.199	0.1	33.864	0.1	60.527	0.1	87.193
0.1	113.859	0.1					
	7.233	0.1	33.897	0.1	60.560	0.1	87.226
0.1	113.892	0.1					
	7.266	0.1	33.930	0.1	60.594	0.1	87.259
0.1	113.926	0.1					
	7.299	0.1	33.964	0.1	60.627	0.1	87.293
0.1	113.959	0.1					
	7.333	0.1	33.997	0.1	60.660	0.1	87.326
0.1	113.992	0.1					
	7.366	0.1	34.030	0.1	60.694	0.1	87.359
0.1	114.026	0.1					
	7.399	0.1	34.064	0.1	60.727	0.1	87.393
0.1	114.059	0.1					
	7.433	0.1	34.097	0.1	60.760	0.1	87.426
0.1	114.092	0.1					
	7.466	0.1	34.130	0.1	60.793	0.1	87.459
0.1	114.126	0.1					
	7.499	0.1	34.164	0.1	60.827	0.1	87.493
0.1	114.159	0.1					
	7.533	0.1	34.197	0.1	60.860	0.1	87.526
0.1	114.192	0.1					
	7.566	0.1	34.230	0.1	60.893	0.1	87.559
0.1	114.226	0.1					
	7.599	0.1	34.264	0.1	60.927	0.1	87.593
0.1	114.259	0.1					
	7.633	0.1	34.297	0.1	60.960	0.1	87.626
0.1	114.292	0.1					
	7.666	0.1	34.330	0.1	60.993	0.1	87.659
0.1	114.326	0.1					
	7.699	0.1	34.364	0.1	61.027	0.1	87.693
0.1	114.359	0.1					
	7.733	0.1	34.397	0.1	61.060	0.1	87.726
0.1	114.392	0.1					
	7.766	0.1	34.430	0.1	61.093	0.1	87.759
0.1	114.426	0.1					
	7.799	0.1	34.464	0.1	61.127	0.1	87.793
0.1	114.459	0.1					
	7.833	0.1	34.497	0.1	61.160	0.1	87.826
0.1	114.492	0.1					
	7.866	0.1	34.530	0.1	61.193	0.1	87.859
0.1	114.526	0.1					
	7.899	0.1	34.564	0.1	61.227	0.1	87.893
0.1	114.559	0.1					
	7.933	0.1	34.597	0.1	61.260	0.1	87.926
0.1	114.592	0.1					
	7.966	0.1	34.630	0.1	61.293	0.1	87.959
0.1	114.626	0.1					

				AHYMO.OUT			
	7.999	0.1	34.664	0.1	61.327	0.1	87.993
0.1	114.659	0.1					
	8.033	0.1	34.697	0.1	61.360	0.1	88.026
0.1	114.692	0.1					
	8.066	0.1	34.730	0.1	61.393	0.1	88.059
0.1	114.726	0.1					
	8.099	0.1	34.764	0.1	61.427	0.1	88.093
0.1	114.759	0.1					
	8.133	0.1	34.797	0.1	61.460	0.1	88.126
0.1	114.792	0.1					
	8.166	0.1	34.830	0.1	61.493	0.1	88.159
0.1	114.826	0.1					
	8.199	0.1	34.864	0.1	61.527	0.1	88.193
0.1	114.859	0.1					
	8.233	0.1	34.897	0.1	61.560	0.1	88.226
0.1	114.892	0.1					
	8.266	0.1	34.930	0.1	61.593	0.1	88.259
0.1	114.926	0.1					
	8.299	0.1	34.964	0.1	61.627	0.1	88.293
0.1	114.959	0.1					
	8.332	0.1	34.997	0.1	61.660	0.1	88.326
0.1	114.992	0.1					
	8.366	0.1	35.030	0.1	61.693	0.1	88.359
0.1	115.026	0.1					
	8.399	0.1	35.063	0.1	61.727	0.1	88.393
0.1	115.059	0.1					
	8.432	0.1	35.097	0.1	61.760	0.1	88.426
0.1	115.092	0.1					
	8.466	0.1	35.130	0.1	61.793	0.1	88.459
0.1	115.126	0.1					
	8.499	0.1	35.163	0.1	61.827	0.1	88.493
0.1	115.159	0.1					
	8.532	0.1	35.197	0.1	61.860	0.1	88.526
0.1	115.192	0.1					
	8.566	0.1	35.230	0.1	61.893	0.1	88.559
0.1	115.226	0.1					
	8.599	0.1	35.263	0.1	61.927	0.1	88.593
0.1	115.259	0.1					
	8.632	0.1	35.297	0.1	61.960	0.1	88.626
0.1	115.292	0.1					
	8.666	0.1	35.330	0.1	61.993	0.1	88.659
0.1	115.326	0.1					
	8.699	0.1	35.363	0.1	62.027	0.1	88.693
0.1	115.359	0.1					
	8.732	0.1	35.397	0.1	62.060	0.1	88.726
0.1	115.392	0.1					
	8.766	0.1	35.430	0.1	62.093	0.1	88.759
0.1	115.426	0.1					
	8.799	0.1	35.463	0.1	62.127	0.1	88.793
0.1	115.459	0.1					
	8.832	0.1	35.497	0.1	62.160	0.1	88.826
0.1	115.492	0.1					
	8.866	0.1	35.530	0.1	62.193	0.1	88.859
0.1	115.526	0.1					
	8.899	0.1	35.563	0.1	62.227	0.1	88.893
0.1	115.559	0.1					
	8.932	0.1	35.597	0.1	62.260	0.1	88.926

AHYMO.OUT							
0.1	115.592	0.1					
	8.966	0.1	35.630	0.1	62.293	0.1	88.959
0.1	115.626	0.1					
	8.999	0.1	35.663	0.1	62.327	0.1	88.993
0.1	115.659	0.1					
	9.032	0.1	35.697	0.1	62.360	0.1	89.026
0.1	115.692	0.1					
	9.066	0.1	35.730	0.1	62.393	0.1	89.059
0.1	115.726	0.1					
	9.099	0.1	35.763	0.1	62.427	0.1	89.093
0.1	115.759	0.1					
	9.132	0.1	35.797	0.1	62.460	0.1	89.126
0.1	115.792	0.1					
	9.166	0.1	35.830	0.1	62.493	0.1	89.159
0.1	115.826	0.1					
	9.199	0.1	35.863	0.1	62.527	0.1	89.193
0.1	115.859	0.1					
	9.232	0.1	35.897	0.1	62.560	0.1	89.226
0.1	115.892	0.1					
	9.266	0.1	35.930	0.1	62.593	0.1	89.259
0.1	115.926	0.1					
	9.299	0.1	35.963	0.1	62.627	0.1	89.293
0.1	115.959	0.1					
	9.332	0.1	35.997	0.1	62.660	0.1	89.326
0.1	115.992	0.1					
	9.366	0.1	36.030	0.1	62.693	0.1	89.359
0.1	116.026	0.1					
	9.399	0.1	36.063	0.1	62.727	0.1	89.393
0.1	116.059	0.1					
	9.432	0.1	36.097	0.1	62.760	0.1	89.426
0.1	116.092	0.1					
	9.466	0.1	36.130	0.1	62.793	0.1	89.459
0.1	116.126	0.1					
	9.499	0.1	36.163	0.1	62.827	0.1	89.493
0.1	116.159	0.1					
	9.532	0.1	36.197	0.1	62.860	0.1	89.526
0.1	116.192	0.1					
	9.566	0.1	36.230	0.1	62.893	0.1	89.559
0.1	116.226	0.1					
	9.599	0.1	36.263	0.1	62.927	0.1	89.593
0.1	116.259	0.1					
	9.632	0.1	36.297	0.1	62.960	0.1	89.626
0.1	116.292	0.1					
	9.666	0.1	36.330	0.1	62.993	0.1	89.659
0.1	116.326	0.1					
	9.699	0.1	36.363	0.1	63.027	0.1	89.693
0.1	116.359	0.1					
	9.732	0.1	36.397	0.1	63.060	0.1	89.726
0.1	116.392	0.1					
	9.766	0.1	36.430	0.1	63.093	0.1	89.759
0.1	116.426	0.1					
	9.799	0.1	36.463	0.1	63.127	0.1	89.793
0.1	116.459	0.1					
	9.832	0.1	36.497	0.1	63.160	0.1	89.826
0.1	116.492	0.1					
	9.866	0.1	36.530	0.1	63.193	0.1	89.859
0.1	116.526	0.1					

				AHYMO.OUT			
	9.899	0.1	36.563	0.1	63.227	0.1	89.893
0.1	116.559	0.1					
	9.932	0.1	36.597	0.1	63.260	0.1	89.926
0.1	116.592	0.1					
	9.966	0.1	36.630	0.1	63.293	0.1	89.959
0.1	116.626	0.1					
	9.999	0.1	36.663	0.1	63.326	0.1	89.993
0.1	116.659	0.1					
	10.032	0.1	36.697	0.1	63.360	0.1	90.026
0.1	116.692	0.1					
	10.066	0.1	36.730	0.1	63.393	0.1	90.059
0.1	116.726	0.1					
	10.099	0.1	36.763	0.1	63.426	0.1	90.093
0.1	116.759	0.1					
	10.132	0.1	36.797	0.1	63.460	0.1	90.126
0.1	116.792	0.1					
	10.166	0.1	36.830	0.1	63.493	0.1	90.159
0.1	116.826	0.1					
	10.199	0.1	36.863	0.1	63.526	0.1	90.193
0.1	116.859	0.1					
	10.232	0.1	36.897	0.1	63.560	0.1	90.226
0.1	116.892	0.1					
	10.266	0.1	36.930	0.1	63.593	0.1	90.259
0.1	116.926	0.1					
	10.299	0.1	36.963	0.1	63.626	0.1	90.293
0.1	116.959	0.1					
	10.332	0.1	36.997	0.1	63.660	0.1	90.326
0.1	116.992	0.1					
	10.366	0.1	37.030	0.1	63.693	0.1	90.359
0.1	117.026	0.1					
	10.399	0.1	37.063	0.1	63.726	0.1	90.393
0.1	117.059	0.1					
	10.432	0.1	37.097	0.1	63.760	0.1	90.426
0.1	117.092	0.1					
	10.466	0.1	37.130	0.1	63.793	0.1	90.459
0.1	117.126	0.1					
	10.499	0.1	37.163	0.1	63.826	0.1	90.493
0.1	117.159	0.1					
	10.532	0.1	37.197	0.1	63.860	0.1	90.526
0.1	117.192	0.1					
	10.566	0.1	37.230	0.1	63.893	0.1	90.559
0.1	117.226	0.1					
	10.599	0.1	37.263	0.1	63.926	0.1	90.593
0.1	117.259	0.1					
	10.632	0.1	37.297	0.1	63.960	0.1	90.626
0.1	117.292	0.1					
	10.666	0.1	37.330	0.1	63.993	0.1	90.659
0.1	117.326	0.1					
	10.699	0.1	37.363	0.1	64.026	0.1	90.693
0.1	117.359	0.1					
	10.732	0.1	37.397	0.1	64.060	0.1	90.726
0.1	117.392	0.1					
	10.766	0.1	37.430	0.1	64.093	0.1	90.759
0.1	117.426	0.1					
	10.799	0.1	37.463	0.1	64.126	0.1	90.793
0.1	117.459	0.1					
	10.832	0.1	37.497	0.1	64.160	0.1	90.826

0.1	117.492	0.1					
	10.866	0.1	37.530	0.1	64.193	0.1	90.859
0.1	117.526	0.1					
	10.899	0.1	37.563	0.1	64.226	0.1	90.893
0.1	117.559	0.1					
	10.932	0.1	37.597	0.1	64.260	0.1	90.926
0.1	117.592	0.1					
	10.966	0.1	37.630	0.1	64.293	0.1	90.959
0.1	117.626	0.1					
	10.999	0.1	37.663	0.1	64.326	0.1	90.993
0.1	117.659	0.1					
	11.032	0.1	37.696	0.1	64.360	0.1	91.026
0.1	117.692	0.1					
	11.066	0.1	37.730	0.1	64.393	0.1	91.059
0.1	117.726	0.1					
	11.099	0.1	37.763	0.1	64.426	0.1	91.093
0.1	117.759	0.1					
	11.132	0.1	37.796	0.1	64.460	0.1	91.126
0.1	117.792	0.1					
	11.166	0.1	37.830	0.1	64.493	0.1	91.159
0.1	117.826	0.1					
	11.199	0.1	37.863	0.1	64.526	0.1	91.193
0.1	117.859	0.1					
	11.232	0.1	37.896	0.1	64.560	0.1	91.226
0.1	117.892	0.1					
	11.266	0.1	37.930	0.1	64.593	0.1	91.259
0.1	117.926	0.1					
	11.299	0.1	37.963	0.1	64.626	0.1	91.293
0.1	117.959	0.1					
	11.332	0.1	37.996	0.1	64.660	0.1	91.326
0.1	117.992	0.1					
	11.366	0.1	38.030	0.1	64.693	0.1	91.359
0.1	118.026	0.1					
	11.399	0.1	38.063	0.1	64.726	0.1	91.393
0.1	118.059	0.1					
	11.432	0.1	38.096	0.1	64.760	0.1	91.426
0.1	118.092	0.1					
	11.466	0.1	38.130	0.1	64.793	0.1	91.459
0.1	118.126	0.1					
	11.499	0.1	38.163	0.1	64.826	0.1	91.493
0.1	118.159	0.1					
	11.532	0.1	38.196	0.1	64.860	0.1	91.526
0.1	118.192	0.1					
	11.565	0.1	38.230	0.1	64.893	0.1	91.559
0.1	118.226	0.1					
	11.599	0.1	38.263	0.1	64.926	0.1	91.593
0.1	118.259	0.1					
	11.632	0.1	38.296	0.1	64.960	0.1	91.626
0.1	118.292	0.1					
	11.665	0.1	38.330	0.1	64.993	0.1	91.659
0.1	118.326	0.1					
	11.699	0.1	38.363	0.1	65.026	0.1	91.693
0.1	118.359	0.1					
	11.732	0.1	38.396	0.1	65.060	0.1	91.726
0.1	118.392	0.1					
	11.765	0.1	38.430	0.1	65.093	0.1	91.759
0.1	118.426	0.1					

				AHYMO.OUT			
	11.799	0.1	38.463	0.1	65.126	0.1	91.793
0.1	118.459	0.1					
	11.832	0.1	38.496	0.1	65.160	0.1	91.826
0.1	118.492	0.1					
	11.865	0.1	38.530	0.1	65.193	0.1	91.859
0.1	118.526	0.1					
	11.899	0.1	38.563	0.1	65.226	0.1	91.893
0.1	118.559	0.1					
	11.932	0.1	38.596	0.1	65.260	0.1	91.926
0.1	118.592	0.1					
	11.965	0.1	38.630	0.1	65.293	0.1	91.959
0.1	118.626	0.1					
	11.999	0.1	38.663	0.1	65.326	0.1	91.993
0.1	118.659	0.1					
	12.032	0.1	38.696	0.1	65.360	0.1	92.026
0.1	118.692	0.1					
	12.065	0.1	38.730	0.1	65.393	0.1	92.059
0.1	118.726	0.1					
	12.099	0.1	38.763	0.1	65.426	0.1	92.093
0.1	118.759	0.1					
	12.132	0.1	38.796	0.1	65.460	0.1	92.126
0.1	118.792	0.1					
	12.165	0.1	38.830	0.1	65.493	0.1	92.159
0.1	118.826	0.1					
	12.199	0.1	38.863	0.1	65.526	0.1	92.193
0.1	118.859	0.1					
	12.232	0.1	38.896	0.1	65.560	0.1	92.226
0.1	118.892	0.1					
	12.265	0.1	38.930	0.1	65.593	0.1	92.259
0.1	118.926	0.1					
	12.299	0.1	38.963	0.1	65.626	0.1	92.293
0.1	118.959	0.1					
	12.332	0.1	38.996	0.1	65.660	0.1	92.326
0.1	118.992	0.1					
	12.365	0.1	39.030	0.1	65.693	0.1	92.359
0.1	119.026	0.1					
	12.399	0.1	39.063	0.1	65.726	0.1	92.393
0.1	119.059	0.1					
	12.432	0.1	39.096	0.1	65.760	0.1	92.426
0.1	119.092	0.1					
	12.465	0.1	39.130	0.1	65.793	0.1	92.459
0.1	119.126	0.1					
	12.499	0.1	39.163	0.1	65.826	0.1	92.493
0.1	119.159	0.1					
	12.532	0.1	39.196	0.1	65.860	0.1	92.526
0.1	119.192	0.1					
	12.565	0.1	39.230	0.1	65.893	0.1	92.559
0.1	119.226	0.1					
	12.599	0.1	39.263	0.1	65.926	0.1	92.593
0.1	119.259	0.1					
	12.632	0.1	39.296	0.1	65.960	0.1	92.626
0.1	119.292	0.1					
	12.665	0.1	39.330	0.1	65.993	0.1	92.659
0.1	119.326	0.1					
	12.699	0.1	39.363	0.1	66.026	0.1	92.693
0.1	119.359	0.1					
	12.732	0.1	39.396	0.1	66.060	0.1	92.726

AHYMO.OUT							
0.1	119.392	0.1					
	12.765	0.1	39.430	0.1	66.093	0.1	92.759
0.1	119.426	0.1					
	12.799	0.1	39.463	0.1	66.126	0.1	92.793
0.1	119.459	0.1					
	12.832	0.1	39.496	0.1	66.160	0.1	92.826
0.1	119.492	0.1					
	12.865	0.1	39.530	0.1	66.193	0.1	92.859
0.1	119.526	0.1					
	12.899	0.1	39.563	0.1	66.226	0.1	92.893
0.1	119.559	0.1					
	12.932	0.1	39.596	0.1	66.260	0.1	92.926
0.1	119.592	0.1					
	12.965	0.1	39.630	0.1	66.293	0.1	92.959
0.1	119.626	0.1					
	12.999	0.1	39.663	0.1	66.326	0.1	92.993
0.1	119.659	0.1					
	13.032	0.1	39.696	0.1	66.360	0.1	93.026
0.1	119.692	0.1					
	13.065	0.1	39.730	0.1	66.393	0.1	93.059
0.1	119.726	0.1					
	13.099	0.1	39.763	0.1	66.426	0.1	93.093
0.1	119.759	0.1					
	13.132	0.1	39.796	0.1	66.460	0.1	93.126
0.1	119.792	0.1					
	13.165	0.1	39.830	0.1	66.493	0.1	93.159
0.1	119.826	0.1					
	13.199	0.1	39.863	0.1	66.526	0.1	93.193
0.1	119.859	0.1					
	13.232	0.1	39.896	0.1	66.560	0.1	93.226
0.1	119.892	0.1					
	13.265	0.1	39.930	0.1	66.593	0.1	93.259
0.1	119.926	0.1					
	13.299	0.1	39.963	0.1	66.626	0.1	93.293
0.1	119.959	0.1					
	13.332	0.1	39.996	0.1	66.660	0.1	93.326
0.1	119.992	0.1					
	13.365	0.1	40.030	0.1	66.693	0.1	93.359
0.1	120.026	0.1					
	13.399	0.1	40.063	0.1	66.726	0.1	93.393
0.1	120.059	0.1					
	13.432	0.1	40.096	0.1	66.760	0.1	93.426
0.1	120.092	0.1					
	13.465	0.1	40.130	0.1	66.793	0.1	93.459
0.1	120.126	0.1					
	13.499	0.1	40.163	0.1	66.826	0.1	93.493
0.1	120.159	0.1					
	13.532	0.1	40.196	0.1	66.860	0.1	93.526
0.1	120.192	0.1					
	13.565	0.1	40.229	0.1	66.893	0.1	93.559
0.1	120.226	0.1					
	13.599	0.1	40.263	0.1	66.926	0.1	93.593
0.1	120.259	0.1					
	13.632	0.1	40.296	0.1	66.960	0.1	93.626
0.1	120.292	0.1					
	13.665	0.1	40.329	0.1	66.993	0.1	93.659
0.1	120.326	0.1					

				AHYMO.OUT			
	13.699	0.1	40.363	0.1	67.026	0.1	93.693
0.1	120.359	0.1					
	13.732	0.1	40.396	0.1	67.060	0.1	93.726
0.1	120.392	0.1					
	13.765	0.1	40.429	0.1	67.093	0.1	93.759
0.1	120.426	0.1					
	13.799	0.1	40.463	0.1	67.126	0.1	93.793
0.1	120.459	0.1					
	13.832	0.1	40.496	0.1	67.160	0.1	93.826
0.1	120.492	0.1					
	13.865	0.1	40.529	0.1	67.193	0.1	93.859
0.1	120.526	0.1					
	13.899	0.1	40.563	0.1	67.226	0.1	93.893
0.1	120.559	0.1					
	13.932	0.1	40.596	0.1	67.260	0.1	93.926
0.1	120.592	0.1					
	13.965	0.1	40.629	0.1	67.293	0.1	93.959
0.1	120.626	0.1					
	13.999	0.1	40.663	0.1	67.326	0.1	93.993
0.1	120.659	0.1					
	14.032	0.1	40.696	0.1	67.360	0.1	94.026
0.1	120.692	0.1					
	14.065	0.1	40.729	0.1	67.393	0.1	94.059
0.1	120.726	0.1					
	14.099	0.1	40.763	0.1	67.426	0.1	94.093
0.1	120.759	0.1					
	14.132	0.1	40.796	0.1	67.460	0.1	94.126
0.1	120.792	0.1					
	14.165	0.1	40.829	0.1	67.493	0.1	94.159
0.1	120.826	0.1					
	14.199	0.1	40.863	0.1	67.526	0.1	94.193
0.1	120.859	0.1					
	14.232	0.1	40.896	0.1	67.560	0.1	94.226
0.1	120.892	0.1					
	14.265	0.1	40.929	0.1	67.593	0.1	94.259
0.1	120.926	0.1					
	14.299	0.1	40.963	0.1	67.626	0.1	94.293
0.1	120.959	0.1					
	14.332	0.1	40.996	0.1	67.660	0.1	94.326
0.1	120.992	0.1					
	14.365	0.1	41.029	0.1	67.693	0.1	94.359
0.1	121.026	0.1					
	14.399	0.1	41.063	0.1	67.726	0.1	94.393
0.1	121.059	0.1					
	14.432	0.1	41.096	0.1	67.760	0.1	94.426
0.1	121.092	0.1					
	14.465	0.1	41.129	0.1	67.793	0.1	94.459
0.1	121.126	0.1					
	14.499	0.1	41.163	0.1	67.826	0.1	94.493
0.1	121.159	0.1					
	14.532	0.1	41.196	0.1	67.860	0.1	94.526
0.1	121.192	0.1					
	14.565	0.1	41.229	0.1	67.893	0.1	94.559
0.1	121.226	0.1					
	14.599	0.1	41.263	0.1	67.926	0.1	94.593
0.1	121.259	0.1					
	14.632	0.1	41.296	0.1	67.960	0.1	94.626

AHYMO.OUT							
0.1	121.292	0.1					
	14.665	0.1	41.329	0.1	67.993	0.1	94.659
0.1	121.326	0.1					
	14.699	0.1	41.363	0.1	68.026	0.1	94.693
0.1	121.359	0.1					
	14.732	0.1	41.396	0.1	68.060	0.1	94.726
0.1	121.392	0.1					
	14.765	0.1	41.429	0.1	68.093	0.1	94.759
0.1	121.426	0.1					
	14.799	0.1	41.463	0.1	68.126	0.1	94.793
0.1	121.459	0.1					
	14.832	0.1	41.496	0.1	68.160	0.1	94.826
0.1	121.492	0.1					
	14.865	0.1	41.529	0.1	68.193	0.1	94.859
0.1	121.526	0.1					
	14.898	0.1	41.563	0.1	68.226	0.1	94.893
0.1	121.559	0.1					
	14.932	0.1	41.596	0.1	68.260	0.1	94.926
0.1	121.592	0.1					
	14.965	0.1	41.629	0.1	68.293	0.1	94.959
0.1	121.626	0.1					
	14.998	0.1	41.663	0.1	68.326	0.1	94.993
0.1	121.659	0.1					
	15.032	0.1	41.696	0.1	68.360	0.1	95.026
0.1	121.692	0.1					
	15.065	0.1	41.729	0.1	68.393	0.1	95.059
0.1	121.726	0.1					
	15.098	0.1	41.763	0.1	68.426	0.1	95.093
0.1	121.759	0.1					
	15.132	0.1	41.796	0.1	68.460	0.1	95.126
0.1	121.792	0.1					
	15.165	0.1	41.829	0.1	68.493	0.1	95.159
0.1	121.826	0.1					
	15.198	0.1	41.863	0.1	68.526	0.1	95.193
0.1	121.859	0.1					
	15.232	0.1	41.896	0.1	68.560	0.1	95.226
0.1	121.892	0.1					
	15.265	0.1	41.929	0.1	68.593	0.1	95.259
0.1	121.926	0.1					
	15.298	0.1	41.963	0.1	68.626	0.1	95.293
0.1	121.959	0.1					
	15.332	0.1	41.996	0.1	68.660	0.1	95.326
0.1	121.992	0.1					
	15.365	0.1	42.029	0.1	68.693	0.1	95.359
0.1	122.026	0.1					
	15.398	0.1	42.063	0.1	68.726	0.1	95.393
0.1	122.059	0.1					
	15.432	0.1	42.096	0.1	68.760	0.1	95.426
0.1	122.092	0.1					
	15.465	0.1	42.129	0.1	68.793	0.1	95.459
0.1	122.126	0.1					
	15.498	0.1	42.163	0.1	68.826	0.1	95.493
0.1	122.159	0.1					
	15.532	0.1	42.196	0.1	68.860	0.1	95.526
0.1	122.192	0.1					
	15.565	0.1	42.229	0.1	68.893	0.1	95.559
0.1	122.226	0.1					

				AHYMO.OUT			
	15.598	0.1	42.263	0.1	68.926	0.1	95.593
0.1	122.259	0.1					
	15.632	0.1	42.296	0.1	68.960	0.1	95.626
0.1	122.292	0.1					
	15.665	0.1	42.329	0.1	68.993	0.1	95.659
0.1	122.326	0.1					
	15.698	0.1	42.363	0.1	69.026	0.1	95.693
0.1	122.359	0.1					
	15.732	0.1	42.396	0.1	69.060	0.1	95.726
0.1	122.392	0.1					
	15.765	0.1	42.429	0.1	69.093	0.1	95.759
0.1	122.426	0.1					
	15.798	0.1	42.463	0.1	69.126	0.1	95.793
0.1	122.459	0.1					
	15.832	0.1	42.496	0.1	69.160	0.1	95.826
0.1	122.492	0.1					
	15.865	0.1	42.529	0.1	69.193	0.1	95.859
0.1	122.526	0.1					
	15.898	0.1	42.563	0.1	69.226	0.1	95.893
0.1	122.559	0.1					
	15.932	0.1	42.596	0.1	69.260	0.1	95.926
0.1	122.592	0.1					
	15.965	0.1	42.629	0.1	69.293	0.1	95.959
0.1	122.626	0.1					
	15.998	0.1	42.663	0.1	69.326	0.1	95.993
0.1	122.659	0.1					
	16.032	0.1	42.696	0.1	69.360	0.1	96.026
0.1	122.692	0.1					
	16.065	0.1	42.729	0.1	69.393	0.1	96.059
0.1	122.726	0.1					
	16.098	0.1	42.762	0.1	69.426	0.1	96.093
0.1	122.759	0.1					
	16.132	0.1	42.796	0.1	69.460	0.1	96.126
0.1	122.792	0.1					
	16.165	0.1	42.829	0.1	69.493	0.1	96.159
0.1	122.826	0.1					
	16.198	0.1	42.862	0.1	69.526	0.1	96.193
0.1	122.859	0.1					
	16.232	0.1	42.896	0.1	69.560	0.1	96.226
0.1	122.892	0.1					
	16.265	0.1	42.929	0.1	69.593	0.1	96.259
0.1	122.926	0.1					
	16.298	0.1	42.962	0.1	69.626	0.1	96.293
0.1	122.959	0.1					
	16.332	0.1	42.996	0.1	69.660	0.1	96.326
0.1	122.992	0.1					
	16.365	0.1	43.029	0.1	69.693	0.1	96.359
0.1	123.026	0.1					
	16.398	0.1	43.062	0.1	69.726	0.1	96.393
0.1	123.059	0.1					
	16.432	0.1	43.096	0.1	69.760	0.1	96.426
0.1	123.092	0.1					
	16.465	0.1	43.129	0.1	69.793	0.1	96.459
0.1	123.126	0.1					
	16.498	0.1	43.162	0.1	69.826	0.1	96.493
0.1	123.159	0.1					
	16.532	0.1	43.196	0.1	69.860	0.1	96.526

AHYMO.OUT							
0.1	123.192	0.1					
	16.565	0.1	43.229	0.1	69.893	0.1	96.559
0.1	123.226	0.1					
	16.598	0.1	43.262	0.1	69.926	0.1	96.593
0.1	123.259	0.1					
	16.632	0.1	43.296	0.1	69.960	0.1	96.626
0.1	123.292	0.1					
	16.665	0.1	43.329	0.1	69.993	0.1	96.659
0.1	123.326	0.1					
	16.698	0.1	43.362	0.1	70.026	0.1	96.693
0.1	123.359	0.1					
	16.732	0.1	43.396	0.1	70.060	0.1	96.726
0.1	123.392	0.1					
	16.765	0.1	43.429	0.1	70.093	0.1	96.759
0.1	123.425	0.1					
	16.798	0.1	43.462	0.1	70.126	0.1	96.793
0.1	123.459	0.1					
	16.832	0.1	43.496	0.1	70.160	0.1	96.826
0.1	123.492	0.1					
	16.865	0.1	43.529	0.1	70.193	0.1	96.859
0.1	123.525	0.1					
	16.898	0.1	43.562	0.1	70.226	0.1	96.893
0.1	123.559	0.1					
	16.932	0.1	43.596	0.1	70.260	0.1	96.926
0.1	123.592	0.1					
	16.965	0.1	43.629	0.1	70.293	0.1	96.959
0.1	123.625	0.1					
	16.998	0.1	43.662	0.1	70.326	0.1	96.993
0.1	123.659	0.1					
	17.032	0.1	43.696	0.1	70.360	0.1	97.026
0.1	123.692	0.1					
	17.065	0.1	43.729	0.1	70.393	0.1	97.059
0.1	123.725	0.1					
	17.098	0.1	43.762	0.1	70.426	0.1	97.093
0.1	123.759	0.1					
	17.132	0.1	43.796	0.1	70.460	0.1	97.126
0.1	123.792	0.1					
	17.165	0.1	43.829	0.1	70.493	0.1	97.159
0.1	123.825	0.1					
	17.198	0.1	43.862	0.1	70.526	0.1	97.193
0.1	123.859	0.1					
	17.232	0.1	43.896	0.1	70.560	0.1	97.226
0.1	123.892	0.1					
	17.265	0.1	43.929	0.1	70.593	0.1	97.259
0.1	123.925	0.1					
	17.298	0.1	43.962	0.1	70.626	0.1	97.293
0.1	123.959	0.1					
	17.332	0.1	43.996	0.1	70.660	0.1	97.326
0.1	123.992	0.1					
	17.365	0.1	44.029	0.1	70.693	0.1	97.359
0.1	124.025	0.1					
	17.398	0.1	44.062	0.1	70.726	0.1	97.393
0.1	124.059	0.1					
	17.432	0.1	44.096	0.1	70.760	0.1	97.426
0.1	124.092	0.1					
	17.465	0.1	44.129	0.1	70.793	0.1	97.459
0.1	124.125	0.1					

				AHYMO.OUT			
	17.498	0.1	44.162	0.1	70.826	0.1	97.493
0.1	124.159	0.1					
	17.532	0.1	44.196	0.1	70.860	0.1	97.526
0.1	124.192	0.1					
	17.565	0.1	44.229	0.1	70.893	0.1	97.559
0.1	124.225	0.1					
	17.598	0.1	44.262	0.1	70.926	0.1	97.593
0.1	124.259	0.1					
	17.632	0.1	44.296	0.1	70.960	0.1	97.626
0.1	124.292	0.1					
	17.665	0.1	44.329	0.1	70.993	0.1	97.659
0.1	124.325	0.1					
	17.698	0.1	44.362	0.1	71.026	0.1	97.693
0.1	124.359	0.1					
	17.732	0.1	44.396	0.1	71.060	0.1	97.726
0.1	124.392	0.1					
	17.765	0.1	44.429	0.1	71.093	0.1	97.759
0.1	124.425	0.1					
	17.798	0.1	44.462	0.1	71.126	0.1	97.793
0.1	124.459	0.1					
	17.832	0.1	44.496	0.1	71.160	0.1	97.826
0.1	124.492	0.1					
	17.865	0.1	44.529	0.1	71.193	0.1	97.859
0.1	124.525	0.1					
	17.898	0.1	44.562	0.1	71.226	0.1	97.893
0.1	124.559	0.1					
	17.932	0.1	44.596	0.1	71.260	0.1	97.926
0.1	124.592	0.1					
	17.965	0.1	44.629	0.1	71.293	0.1	97.959
0.1	124.625	0.1					
	17.998	0.1	44.662	0.1	71.326	0.1	97.993
0.1	124.659	0.1					
	18.032	0.1	44.696	0.1	71.360	0.1	98.026
0.1	124.692	0.1					
	18.065	0.1	44.729	0.1	71.393	0.1	98.059
0.1	124.725	0.1					
	18.098	0.1	44.762	0.1	71.426	0.1	98.093
0.1	124.759	0.1					
	18.132	0.1	44.796	0.1	71.460	0.1	98.126
0.1	124.792	0.1					
	18.165	0.1	44.829	0.1	71.493	0.1	98.159
0.1	124.825	0.1					
	18.198	0.1	44.862	0.1	71.526	0.1	98.193
0.1	124.859	0.1					
	18.232	0.1	44.896	0.1	71.560	0.1	98.226
0.1	124.892	0.1					
	18.265	0.1	44.929	0.1	71.593	0.1	98.259
0.1	124.925	0.1					
	18.298	0.1	44.962	0.1	71.626	0.1	98.293
0.1	124.959	0.1					
	18.332	0.1	44.996	0.1	71.660	0.1	98.326
0.1	124.992	0.1					
	18.365	0.1	45.029	0.1	71.693	0.1	98.359
0.1	125.025	0.1					
	18.398	0.1	45.062	0.1	71.726	0.1	98.393
0.1	125.059	0.1					
	18.432	0.1	45.096	0.1	71.760	0.1	98.426

AHYMO.OUT							
0.1	125.092	0.1					
	18.465	0.1	45.129	0.1	71.793	0.1	98.459
0.1	125.125	0.1					
	18.498	0.1	45.162	0.1	71.826	0.1	98.493
0.1	125.159	0.1					
	18.532	0.1	45.196	0.1	71.860	0.1	98.526
0.1	125.192	0.1					
	18.565	0.1	45.229	0.1	71.893	0.1	98.559
0.1	125.225	0.1					
	18.598	0.1	45.262	0.1	71.926	0.1	98.593
0.1	125.259	0.1					
	18.632	0.1	45.296	0.1	71.960	0.1	98.626
0.1	125.292	0.1					
	18.665	0.1	45.329	0.1	71.993	0.1	98.659
0.1	125.325	0.1					
	18.698	0.1	45.362	0.1	72.026	0.1	98.693
0.1	125.359	0.1					
	18.732	0.1	45.395	0.1	72.060	0.1	98.726
0.1	125.392	0.1					
	18.765	0.1	45.429	0.1	72.093	0.1	98.759
0.1	125.425	0.1					
	18.798	0.1	45.462	0.1	72.126	0.1	98.793
0.1	125.459	0.1					
	18.832	0.1	45.495	0.1	72.160	0.1	98.826
0.1	125.492	0.1					
	18.865	0.1	45.529	0.1	72.193	0.1	98.859
0.1	125.525	0.1					
	18.898	0.1	45.562	0.1	72.226	0.1	98.893
0.1	125.559	0.1					
	18.932	0.1	45.595	0.1	72.260	0.1	98.926
0.1	125.592	0.1					
	18.965	0.1	45.629	0.1	72.293	0.1	98.959
0.1	125.625	0.1					
	18.998	0.1	45.662	0.1	72.326	0.1	98.993
0.1	125.659	0.1					
	19.031	0.1	45.695	0.1	72.360	0.1	99.026
0.1	125.692	0.1					
	19.065	0.1	45.729	0.1	72.393	0.1	99.059
0.1	125.725	0.1					
	19.098	0.1	45.762	0.1	72.426	0.1	99.093
0.1	125.759	0.1					
	19.131	0.1	45.795	0.1	72.460	0.1	99.126
0.1	125.792	0.1					
	19.165	0.1	45.829	0.1	72.493	0.1	99.159
0.1	125.825	0.1					
	19.198	0.1	45.862	0.1	72.526	0.1	99.193
0.1	125.859	0.1					
	19.231	0.1	45.895	0.1	72.560	0.1	99.226
0.1	125.892	0.1					
	19.265	0.1	45.929	0.1	72.593	0.1	99.259
0.1	125.925	0.1					
	19.298	0.1	45.962	0.1	72.626	0.1	99.293
0.1	125.959	0.1					
	19.331	0.1	45.995	0.1	72.660	0.1	99.326
0.1	125.992	0.1					
	19.365	0.1	46.029	0.1	72.693	0.1	99.359
0.1	126.025	0.1					

				AHYMO.OUT			
	19.398	0.1	46.062	0.1	72.726	0.1	99.393
0.1	126.059	0.1					
	19.431	0.1	46.095	0.1	72.760	0.1	99.426
0.1	126.092	0.1					
	19.465	0.1	46.129	0.1	72.793	0.1	99.459
0.1	126.125	0.1					
	19.498	0.1	46.162	0.1	72.826	0.1	99.493
0.1	126.159	0.1					
	19.531	0.1	46.195	0.1	72.860	0.1	99.526
0.1	126.192	0.1					
	19.565	0.1	46.229	0.1	72.893	0.1	99.559
0.1	126.225	0.1					
	19.598	0.1	46.262	0.1	72.926	0.1	99.593
0.1	126.259	0.1					
	19.631	0.1	46.295	0.1	72.960	0.1	99.626
0.1	126.292	0.1					
	19.665	0.1	46.329	0.1	72.993	0.1	99.659
0.1	126.325	0.1					
	19.698	0.1	46.362	0.1	73.026	0.1	99.693
0.1	126.359	0.1					
	19.731	0.1	46.395	0.1	73.060	0.1	99.726
0.1	126.392	0.1					
	19.765	0.1	46.429	0.1	73.093	0.1	99.759
0.1	126.425	0.1					
	19.798	0.1	46.462	0.1	73.126	0.1	99.793
0.1	126.459	0.1					
	19.831	0.1	46.495	0.1	73.160	0.1	99.826
0.1	126.492	0.1					
	19.865	0.1	46.529	0.1	73.193	0.1	99.859
0.1	126.525	0.1					
	19.898	0.1	46.562	0.1	73.226	0.1	99.893
0.1	126.559	0.1					
	19.931	0.1	46.595	0.1	73.260	0.1	99.926
0.1	126.592	0.1					
	19.965	0.1	46.629	0.1	73.293	0.1	99.959
0.1	126.625	0.1					
	19.998	0.1	46.662	0.1	73.326	0.1	99.993
0.1	126.659	0.1					
	20.031	0.1	46.695	0.1	73.360	0.1	100.026
0.1	126.692	0.1					
	20.065	0.1	46.729	0.1	73.393	0.1	100.059
0.1	126.725	0.1					
	20.098	0.1	46.762	0.1	73.426	0.1	100.093
0.1	126.759	0.1					
	20.131	0.1	46.795	0.1	73.460	0.1	100.126
0.1	126.792	0.1					
	20.165	0.1	46.829	0.1	73.493	0.1	100.159
0.1	126.825	0.1					
	20.198	0.1	46.862	0.1	73.526	0.1	100.193
0.1	126.859	0.1					
	20.231	0.1	46.895	0.1	73.560	0.1	100.226
0.1	126.892	0.1					
	20.265	0.1	46.929	0.1	73.593	0.1	100.259
0.1	126.925	0.1					
	20.298	0.1	46.962	0.1	73.626	0.1	100.293
0.1	126.959	0.1					
	20.331	0.1	46.995	0.1	73.660	0.1	100.326

AHYMO.OUT							
0.1	126.992	0.1					
	20.365	0.1	47.029	0.1	73.693	0.1	100.359
0.1	127.025	0.1					
	20.398	0.1	47.062	0.1	73.726	0.1	100.393
0.1	127.059	0.1					
	20.431	0.1	47.095	0.1	73.760	0.1	100.426
0.1	127.092	0.1					
	20.465	0.1	47.129	0.1	73.793	0.1	100.459
0.1	127.125	0.1					
	20.498	0.1	47.162	0.1	73.826	0.1	100.493
0.1	127.159	0.1					
	20.531	0.1	47.195	0.1	73.860	0.1	100.526
0.1	127.192	0.1					
	20.565	0.1	47.229	0.1	73.893	0.1	100.559
0.1	127.225	0.1					
	20.598	0.1	47.262	0.1	73.926	0.1	100.593
0.1	127.259	0.1					
	20.631	0.1	47.295	0.1	73.960	0.1	100.626
0.1	127.292	0.1					
	20.665	0.1	47.329	0.1	73.993	0.1	100.659
0.1	127.325	0.1					
	20.698	0.1	47.362	0.1	74.026	0.1	100.693
0.1	127.359	0.1					
	20.731	0.1	47.395	0.1	74.060	0.1	100.726
0.1	127.392	0.1					
	20.765	0.1	47.429	0.1	74.093	0.1	100.759
0.1	127.425	0.1					
	20.798	0.1	47.462	0.1	74.126	0.1	100.793
0.1	127.459	0.1					
	20.831	0.1	47.495	0.1	74.160	0.1	100.826
0.1	127.492	0.1					
	20.865	0.1	47.529	0.1	74.193	0.1	100.859
0.1	127.525	0.1					
	20.898	0.1	47.562	0.1	74.226	0.1	100.893
0.1	127.559	0.1					
	20.931	0.1	47.595	0.1	74.260	0.1	100.926
0.1	127.592	0.1					
	20.965	0.1	47.629	0.1	74.293	0.1	100.959
0.1	127.625	0.1					
	20.998	0.1	47.662	0.1	74.326	0.1	100.993
0.1	127.659	0.1					
	21.031	0.1	47.695	0.1	74.360	0.1	101.026
0.1	127.692	0.1					
	21.065	0.1	47.729	0.1	74.393	0.1	101.059
0.1	127.725	0.1					
	21.098	0.1	47.762	0.1	74.426	0.1	101.093
0.1	127.759	0.1					
	21.131	0.1	47.795	0.1	74.460	0.1	101.126
0.1	127.792	0.1					
	21.165	0.1	47.829	0.1	74.493	0.1	101.159
0.1	127.825	0.1					
	21.198	0.1	47.862	0.1	74.526	0.1	101.193
0.1	127.859	0.1					
	21.231	0.1	47.895	0.1	74.560	0.1	101.226
0.1	127.892	0.1					
	21.265	0.1	47.928	0.1	74.593	0.1	101.259
0.1	127.925	0.1					

				AHYMO.OUT			
	21.298	0.1	47.962	0.1	74.626	0.1	101.293
0.1	127.959	0.1					
	21.331	0.1	47.995	0.1	74.660	0.1	101.326
0.1	127.992	0.1					
	21.365	0.1	48.028	0.1	74.693	0.1	101.359
0.1	128.025	0.1					
	21.398	0.1	48.062	0.1	74.726	0.1	101.393
0.1	128.059	0.1					
	21.431	0.1	48.095	0.1	74.760	0.1	101.426
0.1	128.092	0.1					
	21.465	0.1	48.128	0.1	74.793	0.1	101.459
0.1	128.125	0.1					
	21.498	0.1	48.162	0.1	74.826	0.1	101.493
0.1	128.159	0.1					
	21.531	0.1	48.195	0.1	74.860	0.1	101.526
0.1	128.192	0.1					
	21.565	0.1	48.228	0.1	74.893	0.1	101.559
0.1	128.225	0.1					
	21.598	0.1	48.262	0.1	74.926	0.1	101.592
0.1	128.259	0.1					
	21.631	0.1	48.295	0.1	74.960	0.1	101.626
0.1	128.292	0.1					
	21.665	0.1	48.328	0.1	74.993	0.1	101.659
0.1	128.325	0.1					
	21.698	0.1	48.362	0.1	75.026	0.1	101.692
0.1	128.359	0.1					
	21.731	0.1	48.395	0.1	75.060	0.1	101.726
0.1	128.392	0.1					
	21.765	0.1	48.428	0.1	75.093	0.1	101.759
0.1	128.425	0.1					
	21.798	0.1	48.462	0.1	75.126	0.1	101.792
0.1	128.459	0.1					
	21.831	0.1	48.495	0.1	75.160	0.1	101.826
0.1	128.492	0.1					
	21.865	0.1	48.528	0.1	75.193	0.1	101.859
0.1	128.525	0.1					
	21.898	0.1	48.562	0.1	75.226	0.1	101.892
0.1	128.559	0.1					
	21.931	0.1	48.595	0.1	75.260	0.1	101.926
0.1	128.592	0.1					
	21.965	0.1	48.628	0.1	75.293	0.1	101.959
0.1	128.625	0.1					
	21.998	0.1	48.662	0.1	75.326	0.1	101.992
0.1	128.659	0.1					
	22.031	0.1	48.695	0.1	75.360	0.1	102.026
0.1	128.692	0.1					
	22.065	0.1	48.728	0.1	75.393	0.1	102.059
0.1	128.725	0.1					
	22.098	0.1	48.762	0.1	75.426	0.1	102.092
0.1	128.759	0.1					
	22.131	0.1	48.795	0.1	75.460	0.1	102.126
0.1	128.792	0.1					
	22.165	0.1	48.828	0.1	75.493	0.1	102.159
0.1	128.825	0.1					
	22.198	0.1	48.862	0.1	75.526	0.1	102.192
0.1	128.859	0.1					
	22.231	0.1	48.895	0.1	75.560	0.1	102.226

AHYMO.OUT							
0.1	128.892	0.1					
	22.265	0.1	48.928	0.1	75.593	0.1	102.259
0.1	128.925	0.1					
	22.298	0.1	48.962	0.1	75.626	0.1	102.292
0.1	128.959	0.1					
	22.331	0.1	48.995	0.1	75.660	0.1	102.326
0.1	128.992	0.1					
	22.365	0.1	49.028	0.1	75.693	0.1	102.359
0.1	129.025	0.1					
	22.398	0.1	49.062	0.1	75.726	0.1	102.392
0.1	129.059	0.1					
	22.431	0.1	49.095	0.1	75.760	0.1	102.426
0.1	129.092	0.1					
	22.465	0.1	49.128	0.1	75.793	0.1	102.459
0.1	129.125	0.1					
	22.498	0.1	49.162	0.1	75.826	0.1	102.492
0.1	129.158	0.1					
	22.531	0.1	49.195	0.1	75.860	0.1	102.526
0.1	129.192	0.1					
	22.565	0.1	49.228	0.1	75.893	0.1	102.559
0.1	129.225	0.1					
	22.598	0.1	49.262	0.1	75.926	0.1	102.592
0.1	129.258	0.1					
	22.631	0.1	49.295	0.1	75.960	0.1	102.626
0.1	129.292	0.1					
	22.665	0.1	49.328	0.1	75.993	0.1	102.659
0.1	129.325	0.1					
	22.698	0.1	49.362	0.1	76.026	0.1	102.692
0.1	129.358	0.1					
	22.731	0.1	49.395	0.1	76.060	0.1	102.726
0.1	129.392	0.1					
	22.765	0.1	49.428	0.1	76.093	0.1	102.759
0.1	129.425	0.1					
	22.798	0.1	49.462	0.1	76.126	0.1	102.792
0.1	129.458	0.1					
	22.831	0.1	49.495	0.1	76.160	0.1	102.826
0.1	129.492	0.1					
	22.865	0.1	49.528	0.1	76.193	0.1	102.859
0.1	129.525	0.1					
	22.898	0.1	49.562	0.1	76.226	0.1	102.892
0.1	129.558	0.1					
	22.931	0.1	49.595	0.1	76.260	0.1	102.926
0.1	129.592	0.1					
	22.965	0.1	49.628	0.1	76.293	0.1	102.959
0.1	129.625	0.1					
	22.998	0.1	49.662	0.1	76.326	0.1	102.992
0.1	129.658	0.1					
	23.031	0.1	49.695	0.1	76.360	0.1	103.026
0.1	129.692	0.1					
	23.065	0.1	49.728	0.1	76.393	0.1	103.059
0.1	129.725	0.1					
	23.098	0.1	49.762	0.1	76.426	0.1	103.092
0.1	129.758	0.1					
	23.131	0.1	49.795	0.1	76.460	0.1	103.126
0.1	129.792	0.1					
	23.165	0.1	49.828	0.1	76.493	0.1	103.159
0.1	129.825	0.1					

				AHYMO.OUT			
	23.198	0.1	49.862	0.1	76.526	0.1	103.192
0.1	129.858	0.1					
	23.231	0.1	49.895	0.1	76.560	0.1	103.226
0.1	129.892	0.1					
	23.265	0.1	49.928	0.1	76.593	0.1	103.259
0.1	129.925	0.1					
	23.298	0.1	49.962	0.1	76.626	0.1	103.292
0.1	129.958	0.1					
	23.331	0.1	49.995	0.1	76.660	0.1	103.326
0.1	129.992	0.1					
	23.365	0.1	50.028	0.1	76.693	0.1	103.359
0.1	130.025	0.1					
	23.398	0.1	50.062	0.1	76.726	0.1	103.392
0.1	130.058	0.1					
	23.431	0.1	50.095	0.1	76.760	0.1	103.426
0.1	130.092	0.1					
	23.465	0.1	50.128	0.1	76.793	0.1	103.459
0.1	130.125	0.1					
	23.498	0.1	50.162	0.1	76.826	0.1	103.492
0.1	130.158	0.1					
	23.531	0.1	50.195	0.1	76.860	0.1	103.526
0.1	130.192	0.1					
	23.565	0.1	50.228	0.1	76.893	0.1	103.559
0.1	130.225	0.1					
	23.598	0.1	50.262	0.1	76.926	0.1	103.592
0.1	130.258	0.1					
	23.631	0.1	50.295	0.1	76.960	0.1	103.626
0.1	130.292	0.1					
	23.664	0.1	50.328	0.1	76.993	0.1	103.659
0.1	130.325	0.1					
	23.698	0.1	50.362	0.1	77.026	0.1	103.692
0.1	130.358	0.1					
	23.731	0.1	50.395	0.1	77.060	0.1	103.726
0.1	130.392	0.1					
	23.764	0.1	50.428	0.1	77.093	0.1	103.759
0.1	130.425	0.1					
	23.798	0.1	50.461	0.1	77.126	0.1	103.792
0.1	130.458	0.1					
	23.831	0.1	50.495	0.1	77.160	0.1	103.826
0.1	130.491	0.1					
	23.864	0.1	50.528	0.1	77.193	0.1	103.859
0.1	130.525	0.1					
	23.898	0.1	50.561	0.1	77.226	0.1	103.892
0.1	130.558	0.1					
	23.931	0.1	50.595	0.1	77.260	0.1	103.926
0.1	130.591	0.1					
	23.964	0.1	50.628	0.1	77.293	0.1	103.959
0.1	130.625	0.1					
	23.998	0.1	50.661	0.1	77.326	0.1	103.992
0.1	130.658	0.1					
	24.031	0.1	50.695	0.1	77.360	0.1	104.026
0.1	130.691	0.1					
	24.064	0.1	50.728	0.1	77.393	0.1	104.059
0.1	130.725	0.1					
	24.098	0.1	50.761	0.1	77.426	0.1	104.092
0.1	130.758	0.1					
	24.131	0.1	50.795	0.1	77.460	0.1	104.126

AHYMO.OUT							
0.1	130.791	0.1					
	24.164	0.1	50.828	0.1	77.493	0.1	104.159
0.1	130.825	0.1					
	24.198	0.1	50.861	0.1	77.526	0.1	104.192
0.1	130.858	0.1					
	24.231	0.1	50.895	0.1	77.560	0.1	104.226
0.1	130.891	0.1					
	24.264	0.1	50.928	0.1	77.593	0.1	104.259
0.1	130.925	0.1					
	24.298	0.1	50.961	0.1	77.626	0.1	104.292
0.1	130.958	0.1					
	24.331	0.1	50.995	0.1	77.660	0.1	104.326
0.1	130.991	0.1					
	24.364	0.1	51.028	0.1	77.693	0.1	104.359
0.1	131.025	0.1					
	24.398	0.1	51.061	0.1	77.726	0.1	104.392
0.1	131.058	0.1					
	24.431	0.1	51.095	0.1	77.760	0.1	104.426
0.1	131.091	0.1					
	24.464	0.1	51.128	0.1	77.793	0.1	104.459
0.1	131.125	0.1					
	24.498	0.1	51.161	0.1	77.826	0.1	104.492
0.1	131.158	0.1					
	24.531	0.1	51.195	0.1	77.860	0.1	104.526
0.1	131.191	0.1					
	24.564	0.1	51.228	0.1	77.893	0.1	104.559
0.1	131.225	0.1					
	24.598	0.1	51.261	0.1	77.926	0.1	104.592
0.1	131.258	0.1					
	24.631	0.1	51.295	0.1	77.960	0.1	104.626
0.1	131.291	0.1					
	24.664	0.1	51.328	0.1	77.993	0.1	104.659
0.1	131.325	0.1					
	24.698	0.1	51.361	0.1	78.026	0.1	104.692
0.1	131.358	0.1					
	24.731	0.1	51.395	0.1	78.060	0.1	104.726
0.1	131.391	0.1					
	24.764	0.1	51.428	0.1	78.093	0.1	104.759
0.1	131.425	0.1					
	24.798	0.1	51.461	0.1	78.126	0.1	104.792
0.1	131.458	0.1					
	24.831	0.1	51.495	0.1	78.160	0.1	104.826
0.1	131.491	0.1					
	24.864	0.1	51.528	0.1	78.193	0.1	104.859
0.1	131.525	0.1					
	24.898	0.1	51.561	0.1	78.226	0.1	104.892
0.1	131.558	0.1					
	24.931	0.1	51.595	0.1	78.260	0.1	104.926
0.1	131.591	0.1					
	24.964	0.1	51.628	0.1	78.293	0.1	104.959
0.1	131.625	0.1					
	24.998	0.1	51.661	0.1	78.326	0.1	104.992
0.1	131.658	0.1					
	25.031	0.1	51.695	0.1	78.360	0.1	105.026
0.1	131.691	0.1					
	25.064	0.1	51.728	0.1	78.393	0.1	105.059
0.1	131.725	0.1					

				AHYMO.OUT			
	25.098	0.1	51.761	0.1	78.426	0.1	105.092
0.1	131.758	0.1					
	25.131	0.1	51.795	0.1	78.460	0.1	105.126
0.1	131.791	0.1					
	25.164	0.1	51.828	0.1	78.493	0.1	105.159
0.1	131.824	0.1					
	25.198	0.1	51.861	0.1	78.526	0.1	105.192
0.1	131.858	0.1					
	25.231	0.1	51.895	0.1	78.560	0.1	105.226
0.1	131.891	0.1					
	25.264	0.1	51.928	0.1	78.593	0.1	105.259
0.1	131.924	0.1					
	25.298	0.1	51.961	0.1	78.626	0.1	105.292
0.1	131.958	0.1					
	25.331	0.1	51.995	0.1	78.660	0.1	105.326
0.1	131.991	0.1					
	25.364	0.1	52.028	0.1	78.693	0.1	105.359
0.1	132.024	0.1					
	25.398	0.1	52.061	0.1	78.726	0.1	105.392
0.1	132.058	0.1					
	25.431	0.1	52.095	0.1	78.760	0.1	105.426
0.1	132.091	0.1					
	25.464	0.1	52.128	0.1	78.793	0.1	105.459
0.1	132.124	0.1					
	25.498	0.1	52.161	0.1	78.826	0.1	105.492
0.1	132.158	0.1					
	25.531	0.1	52.195	0.1	78.860	0.1	105.526
0.1	132.191	0.1					
	25.564	0.1	52.228	0.1	78.893	0.1	105.559
0.1	132.224	0.1					
	25.598	0.1	52.261	0.1	78.926	0.1	105.592
0.1	132.258	0.1					
	25.631	0.1	52.295	0.1	78.960	0.1	105.626
0.1	132.291	0.1					
	25.664	0.1	52.328	0.1	78.993	0.1	105.659
0.1	132.324	0.1					
	25.698	0.1	52.361	0.1	79.026	0.1	105.692
0.1	132.358	0.1					
	25.731	0.1	52.395	0.1	79.060	0.1	105.726
0.1	132.391	0.1					
	25.764	0.1	52.428	0.1	79.093	0.1	105.759
0.1	132.424	0.1					
	25.798	0.1	52.461	0.1	79.126	0.1	105.792
0.1	132.458	0.1					
	25.831	0.1	52.495	0.1	79.160	0.1	105.826
0.1	132.491	0.1					
	25.864	0.1	52.528	0.1	79.193	0.1	105.859
0.1	132.524	0.1					
	25.898	0.1	52.561	0.1	79.226	0.1	105.892
0.1	132.558	0.1					
	25.931	0.1	52.595	0.1	79.260	0.1	105.926
0.1	132.591	0.1					
	25.964	0.1	52.628	0.1	79.293	0.1	105.959
0.1	132.624	0.1					
	25.998	0.1	52.661	0.1	79.326	0.1	105.992
0.1	132.658	0.1					
	26.031	0.1	52.695	0.1	79.360	0.1	106.026

AHYMO.OUT

0.1	132.691	0.1					
	26.064	0.1	52.728	0.1	79.393	0.1	106.059
0.1	132.724	0.1					
	26.098	0.1	52.761	0.1	79.426	0.1	106.092
0.1	132.758	0.1					
	26.131	0.1	52.795	0.1	79.460	0.1	106.126
0.1	132.791	0.1					
	26.164	0.1	52.828	0.1	79.493	0.1	106.159
0.1	132.824	0.1					
	26.198	0.1	52.861	0.1	79.526	0.1	106.192
0.1	132.858	0.1					
	26.231	0.1	52.895	0.1	79.560	0.1	106.226
0.1	132.891	0.1					
	26.264	0.1	52.928	0.1	79.593	0.1	106.259
0.1	132.924	0.1					
	26.298	0.1	52.961	0.1	79.626	0.1	106.292
0.1	132.958	0.1					
	26.331	0.1	52.995	0.1	79.660	0.1	106.326
0.1	132.991	0.1					
	26.364	0.1	53.028	0.1	79.693	0.1	106.359
0.1	133.024	0.1					
	26.398	0.1	53.061	0.1	79.726	0.1	106.392
0.1	133.058	0.1					
	26.431	0.1	53.094	0.1	79.759	0.1	106.426
0.1	133.091	0.1					
	26.464	0.1	53.128	0.1	79.793	0.1	106.459
0.1	133.124	0.1					
	26.498	0.1	53.161	0.1	79.826	0.1	106.492
0.1	133.158	0.1					
	26.531	0.1	53.194	0.1	79.859	0.1	106.526
0.1	133.191	0.1					
	26.564	0.1	53.228	0.1	79.893	0.1	106.559
0.1	133.224	0.1					
	26.598	0.1	53.261	0.1	79.926	0.1	106.592
0.1	133.257	0.1					
	26.631	0.1	53.294	0.1	79.959	0.1	106.626
0.1	133.291	0.1					

RUNOFF VOLUME = 0.96854 INCHES = 5.4541 ACRE-FEET
 PEAK DISCHARGE RATE = 105.76 CFS AT 1.667 HOURS BASIN AREA = 0.1056 SQ. MI.

FINISH

NORMAL PROGRAM FINISH END TIME (HR:MIN:SEC) = 09:52:49

␣(s10H