

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN	4.79	INCHES
UNIT TIME	60	MINUTES
ADJUSTED (CONSTANT) LOSS RATE (F)	0.290	IN/HR
LOW LOSS RATE	90%	% OF STORM RAINFALL INTENSITY
MINIMUM LOSS RATE PERCENTAGE	50%	% OF (F)

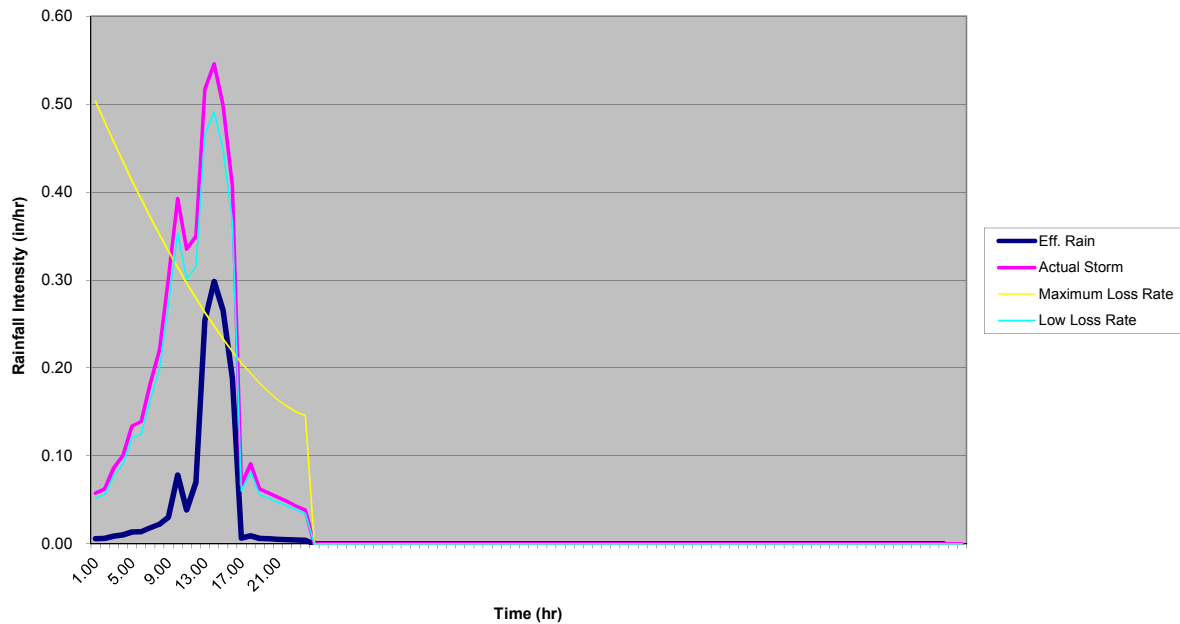
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.004	0.005	0.006	0.007	0.010	0.010	0.013	0.016	0.022	0.057
PI	0.028	0.051	0.186	0.218	0.194	0.138	0.005	0.007	0.005	0.004
PI	0.004	0.004	0.003	0.003						

INPUT FOR THE HEC-1 PB CARD: 1.367 INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

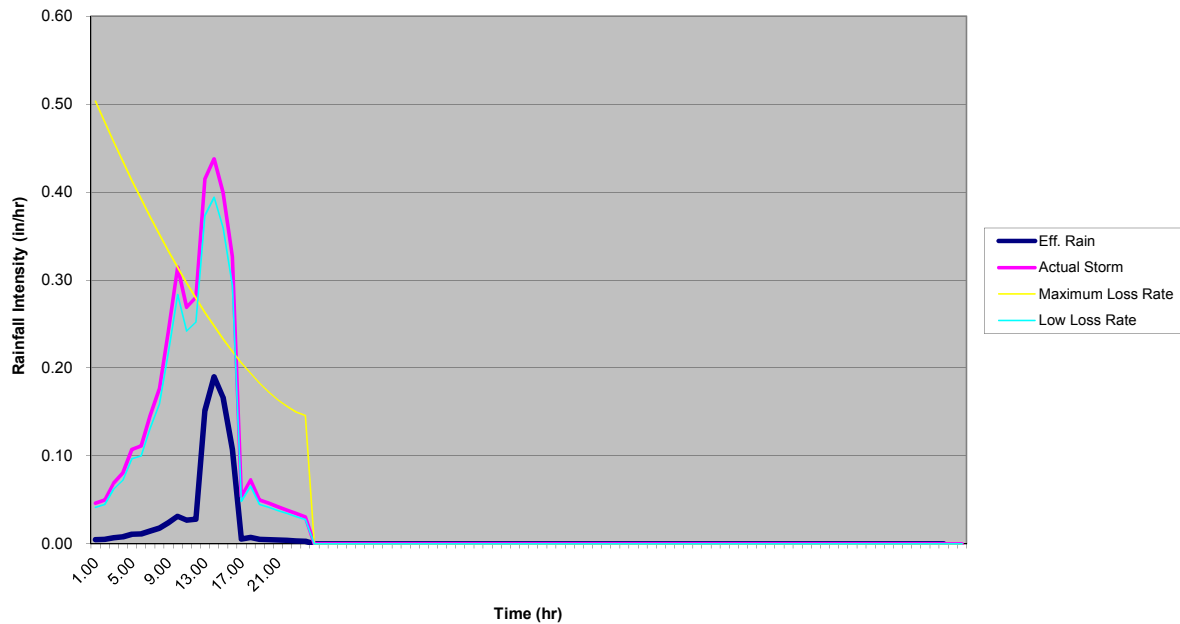
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.005	0.006	0.008	0.010	0.013	0.013	0.017	0.021	0.029	0.037
PI	0.032	0.033	0.180	0.226	0.198	0.128	0.006	0.009	0.006	0.005
PI	0.005	0.005	0.004	0.004						

INPUT FOR THE HEC-1 PB CARD: INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

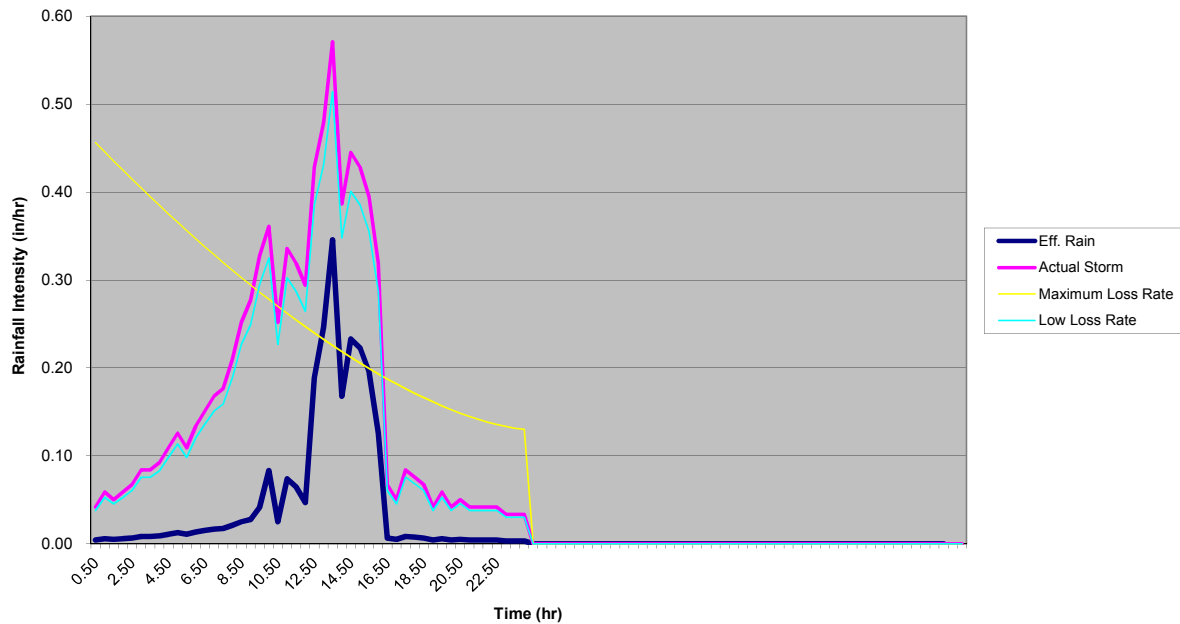
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.002	0.002	0.002	0.002	0.003	0.004	0.004	0.004	0.005	0.005
PI	0.005	0.006	0.006	0.007	0.007	0.009	0.011	0.012	0.018	0.035
PI	0.011	0.031	0.027	0.020	0.080	0.104	0.146	0.071	0.098	0.094
PI	0.083	0.053	0.003	0.002	0.004	0.003	0.003	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001		

INPUT FOR THE HEC-1 PB CARD: **1.183** INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

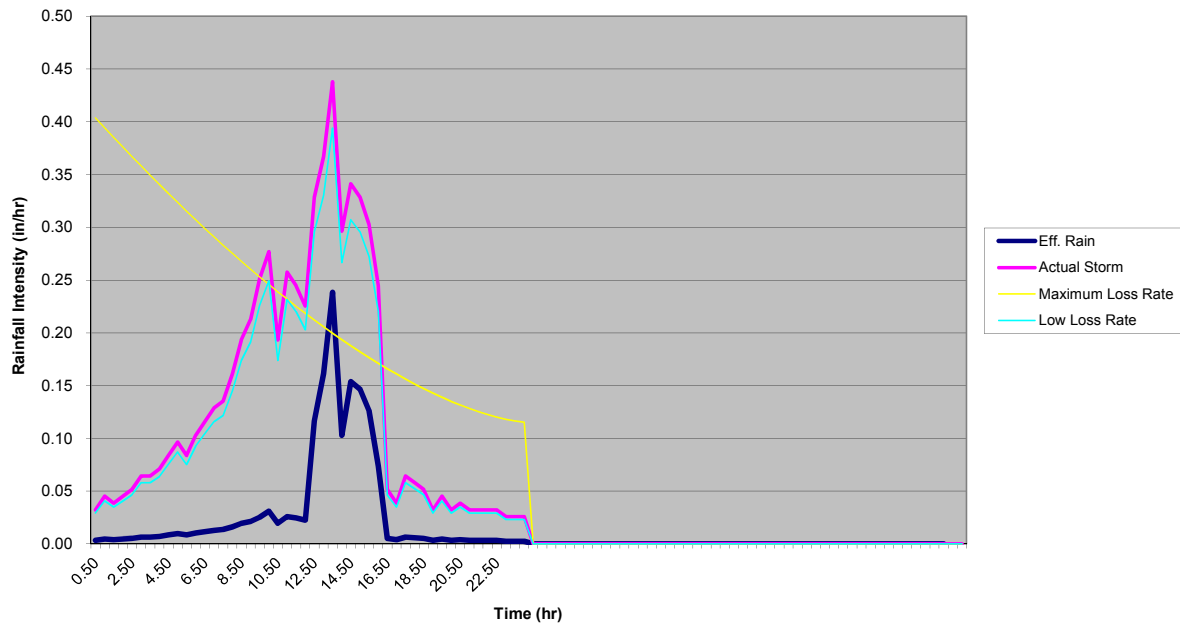
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.002	0.003	0.003	0.003	0.003	0.004	0.004	0.005	0.006	0.006
PI	0.006	0.007	0.008	0.009	0.009	0.011	0.013	0.014	0.017	0.021
PI	0.013	0.017	0.016	0.015	0.078	0.107	0.159	0.068	0.102	0.098
PI	0.084	0.049	0.003	0.003	0.004	0.004	0.003	0.002	0.003	0.002
PI	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002		

INPUT FOR THE HEC-1 PB CARD: **0.751** INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

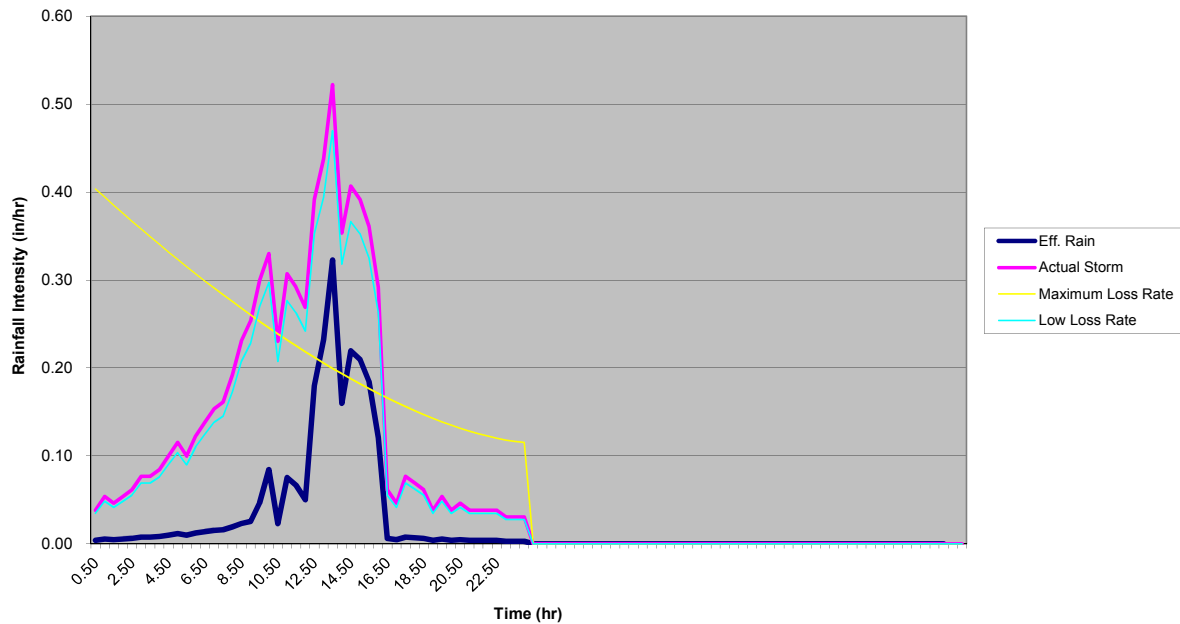
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.005
PI	0.004	0.005	0.006	0.007	0.007	0.009	0.010	0.011	0.021	0.037
PI	0.010	0.033	0.030	0.022	0.080	0.103	0.143	0.071	0.097	0.093
PI	0.082	0.054	0.003	0.002	0.003	0.003	0.003	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001		

INPUT FOR THE HEC-1 PB CARD: INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

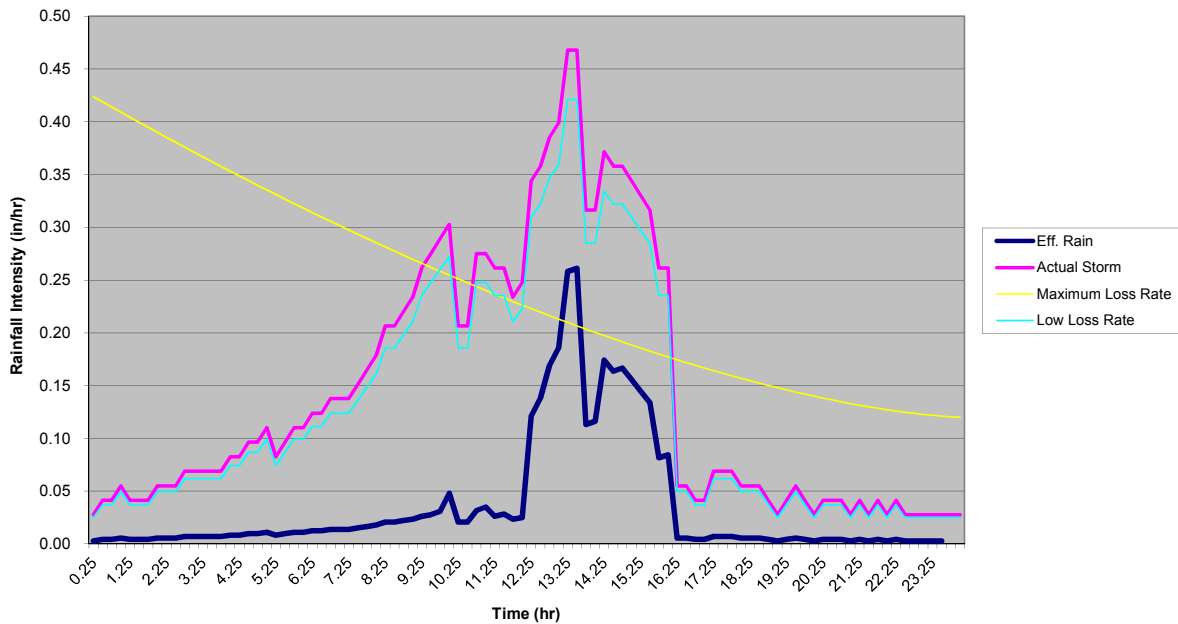
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003
PI	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.005
PI	0.005	0.005	0.006	0.006	0.007	0.007	0.008	0.008	0.009	0.015
PI	0.006	0.006	0.010	0.011	0.008	0.009	0.007	0.007	0.037	0.042
PI	0.051	0.056	0.078	0.079	0.034	0.035	0.053	0.049	0.050	0.047
PI	0.044	0.040	0.025	0.025	0.002	0.002	0.001	0.001	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001				

INPUT FOR THE HEC-1 PB CARD: INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

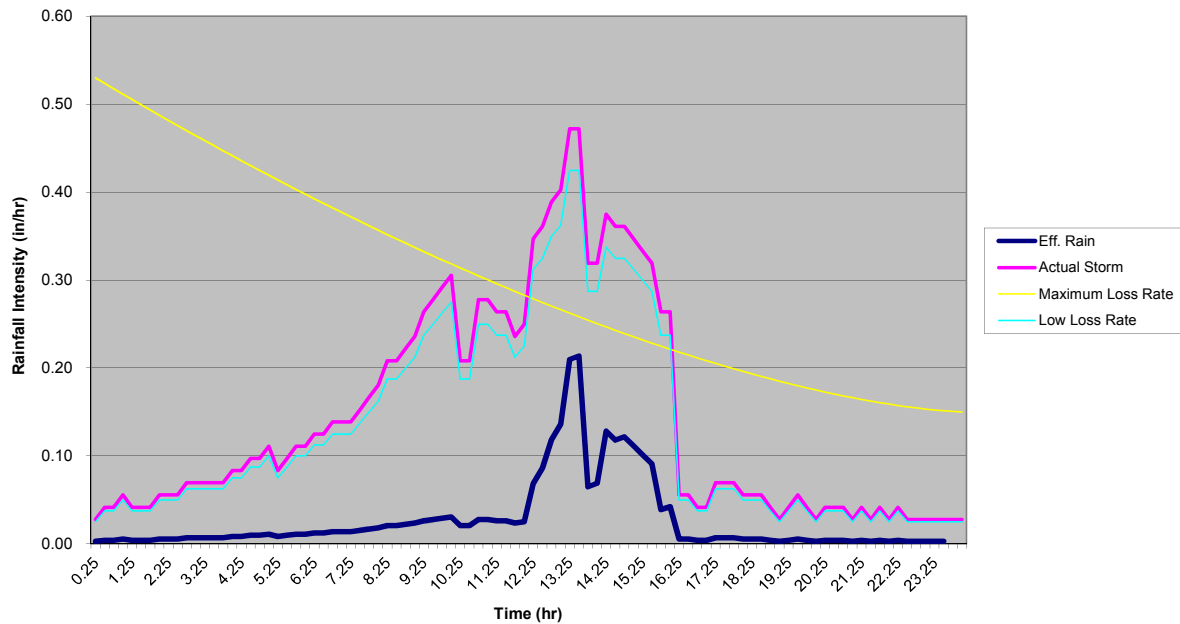
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
PI	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004
PI	0.003	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.006
PI	0.007	0.007	0.008	0.008	0.009	0.009	0.010	0.011	0.011	0.012
PI	0.008	0.008	0.011	0.011	0.010	0.010	0.009	0.010	0.027	0.034
PI	0.047	0.054	0.083	0.084	0.026	0.027	0.051	0.047	0.048	0.044
PI	0.040	0.036	0.015	0.017	0.002	0.002	0.002	0.002	0.003	0.003
PI	0.003	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.001
PI	0.002	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001				

INPUT FOR THE HEC-1 PB CARD: **0.634** INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN	2.86	INCHES
UNIT TIME	30	MINUTES
ADJUSTED (CONSTANT) LOSS RATE (F)	0.230	IN/HR
LOW LOSS RATE	90%	% OF STORM RAINFALL INTENSITY
MINIMUM LOSS RATE PERCENTAGE	50%	% OF (F)

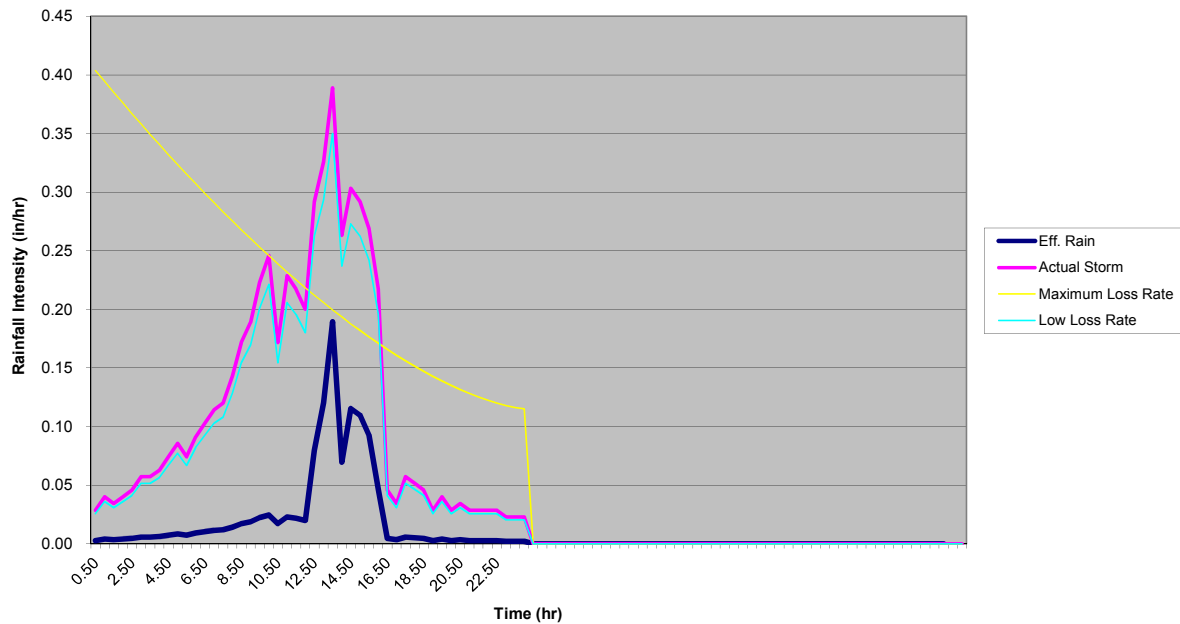
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.002	0.003	0.003	0.003	0.004	0.005	0.005	0.005	0.006	0.007
PI	0.006	0.008	0.009	0.010	0.010	0.012	0.015	0.016	0.019	0.021
PI	0.015	0.020	0.019	0.017	0.069	0.104	0.163	0.060	0.100	0.095
PI	0.080	0.040	0.004	0.003	0.005	0.004	0.004	0.002	0.003	0.002
PI	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002		

INPUT FOR THE HEC-1 PB CARD: 0.580 INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

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RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

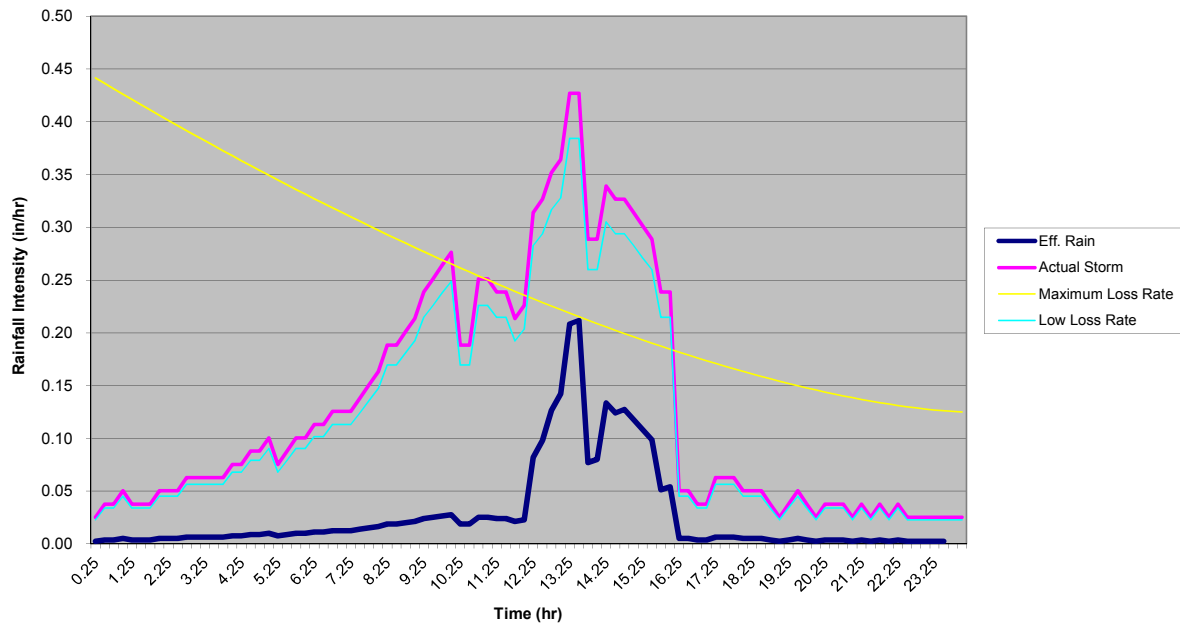
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004
PI	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005
PI	0.006	0.006	0.007	0.007	0.008	0.008	0.009	0.010	0.010	0.011
PI	0.007	0.007	0.010	0.010	0.009	0.009	0.008	0.009	0.032	0.038
PI	0.049	0.055	0.081	0.082	0.030	0.031	0.052	0.048	0.049	0.046
PI	0.042	0.038	0.020	0.021	0.002	0.002	0.001	0.001	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001				

INPUT FOR THE HEC-1 PB CARD: INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

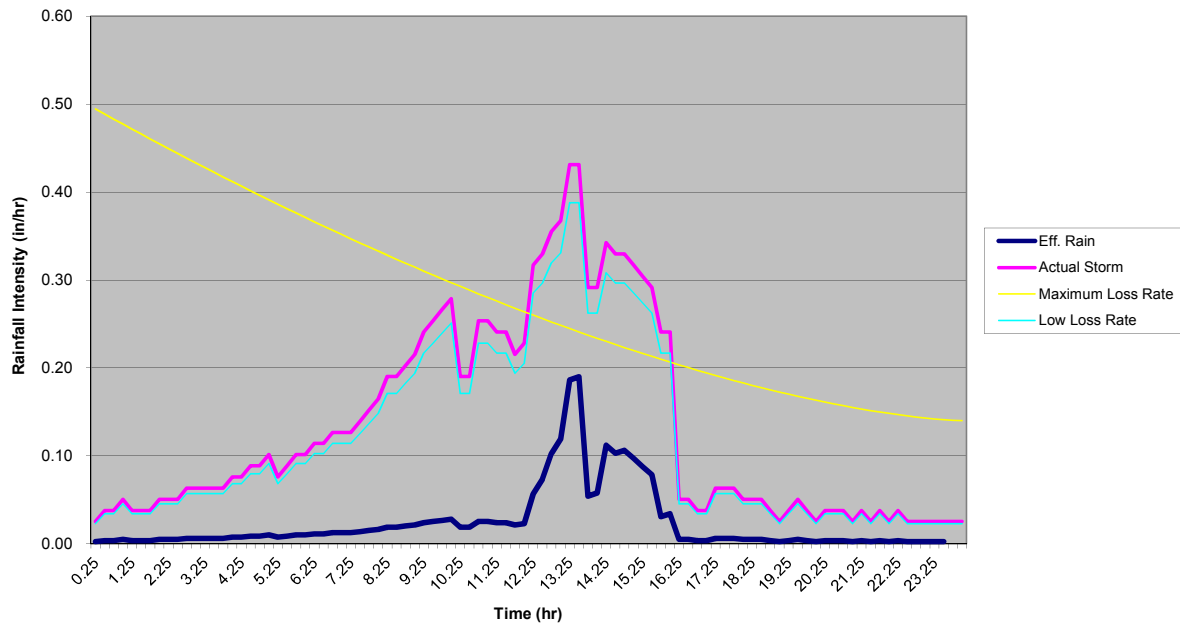
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
PI	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.005
PI	0.003	0.004	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.006
PI	0.007	0.007	0.008	0.008	0.009	0.010	0.011	0.011	0.012	0.012
PI	0.008	0.008	0.011	0.011	0.011	0.011	0.010	0.010	0.025	0.033
PI	0.046	0.053	0.083	0.085	0.024	0.026	0.050	0.046	0.048	0.043
PI	0.039	0.035	0.014	0.015	0.002	0.002	0.002	0.002	0.003	0.003
PI	0.003	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.001
PI	0.002	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001				

INPUT FOR THE HEC-1 PB CARD: INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

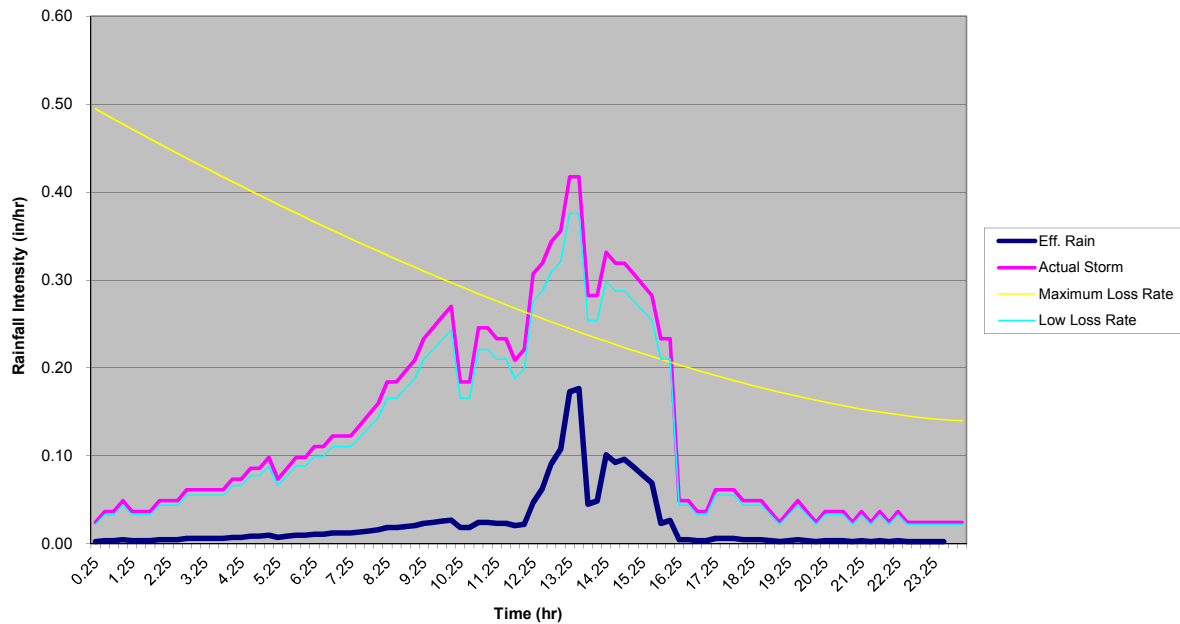
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
PI	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.005
PI	0.004	0.004	0.005	0.005	0.005	0.005	0.006	0.006	0.006	0.007
PI	0.007	0.008	0.009	0.009	0.010	0.010	0.011	0.012	0.013	0.013
PI	0.009	0.009	0.012	0.012	0.011	0.011	0.010	0.011	0.023	0.031
PI	0.045	0.052	0.084	0.086	0.022	0.024	0.049	0.045	0.047	0.043
PI	0.038	0.034	0.011	0.013	0.002	0.002	0.002	0.002	0.003	0.003
PI	0.003	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.001
PI	0.002	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001				

INPUT FOR THE HEC-1 PB CARD: **0.513** INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

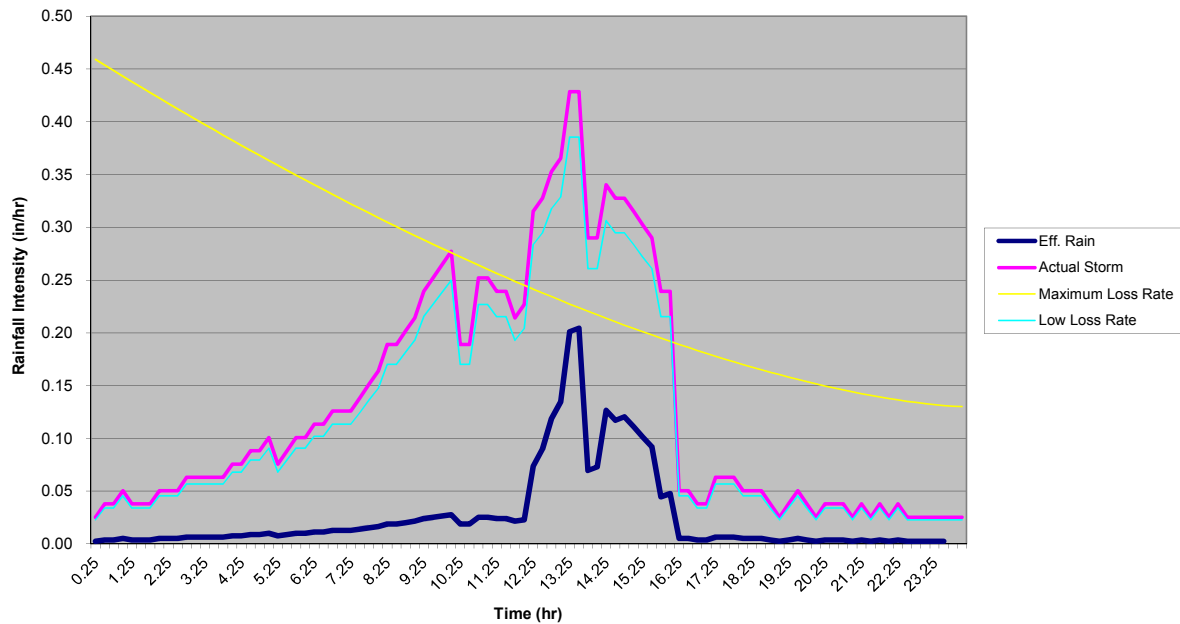
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
PI	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004
PI	0.003	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.006
PI	0.006	0.007	0.008	0.008	0.008	0.009	0.010	0.010	0.011	0.011
PI	0.008	0.008	0.010	0.010	0.010	0.010	0.009	0.009	0.030	0.036
PI	0.048	0.055	0.082	0.083	0.028	0.029	0.051	0.047	0.049	0.045
PI	0.041	0.037	0.018	0.019	0.002	0.002	0.002	0.002	0.003	0.003
PI	0.003	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.001
PI	0.002	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001				

INPUT FOR THE HEC-1 PB CARD: INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

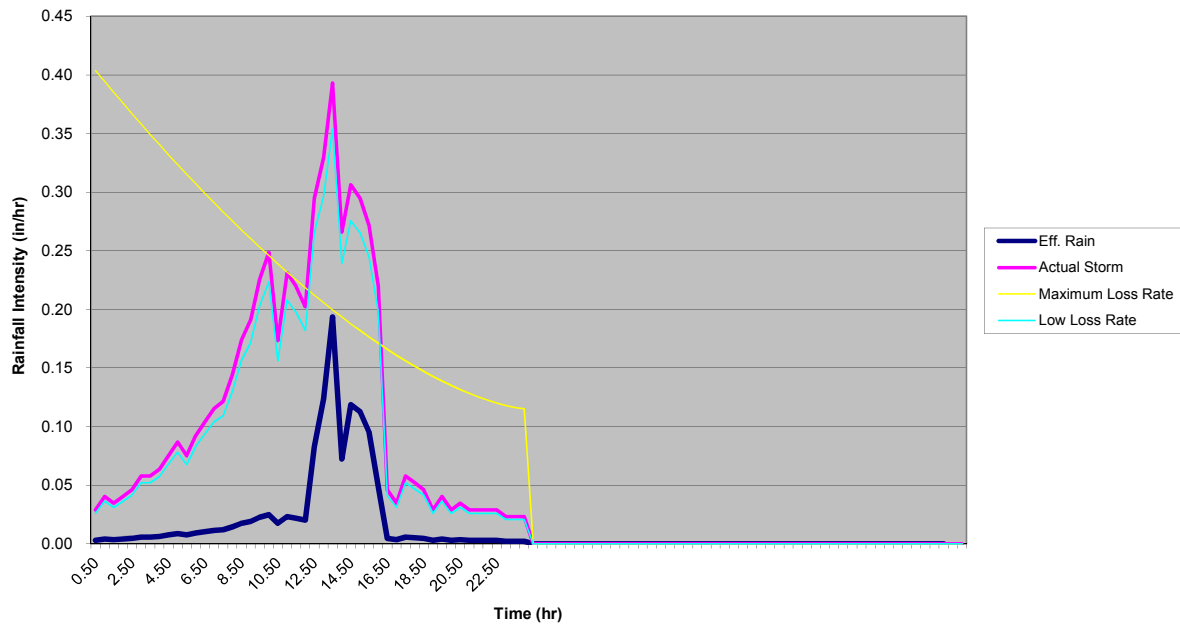
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.002	0.003	0.003	0.003	0.004	0.005	0.005	0.005	0.006	0.007
PI	0.006	0.008	0.009	0.010	0.010	0.012	0.015	0.016	0.019	0.021
PI	0.015	0.019	0.018	0.017	0.070	0.104	0.163	0.061	0.100	0.095
PI	0.080	0.041	0.004	0.003	0.005	0.004	0.004	0.002	0.003	0.002
PI	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002		

INPUT FOR THE HEC-1 PB CARD: INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

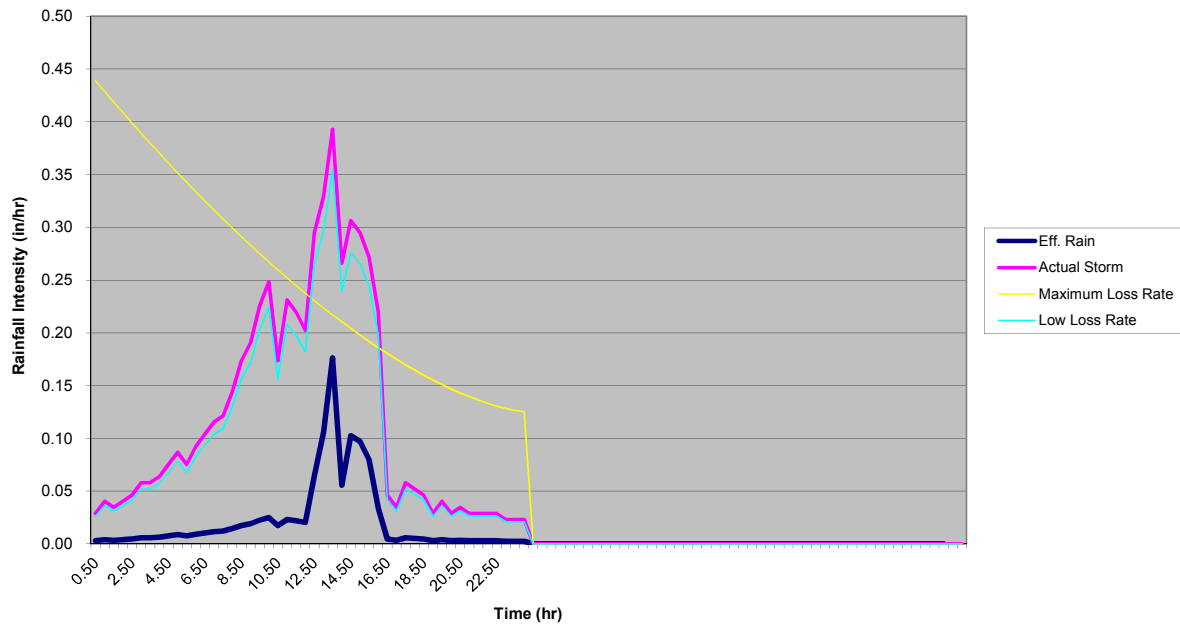
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.003	0.004	0.003	0.004	0.004	0.005	0.005	0.006	0.007	0.008
PI	0.007	0.009	0.010	0.011	0.012	0.014	0.016	0.018	0.021	0.024
PI	0.016	0.022	0.021	0.019	0.061	0.100	0.167	0.053	0.097	0.092
PI	0.076	0.032	0.004	0.003	0.005	0.005	0.004	0.003	0.004	0.003
PI	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002		

INPUT FOR THE HEC-1 PB CARD: **0.528** INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN	3.11	INCHES
UNIT TIME	30	MINUTES
ADJUSTED (CONSTANT) LOSS RATE (F)	0.270	IN/HR
LOW LOSS RATE	90%	% OF STORM RAINFALL INTENSITY
MINIMUM LOSS RATE PERCENTAGE	50%	% OF (F)

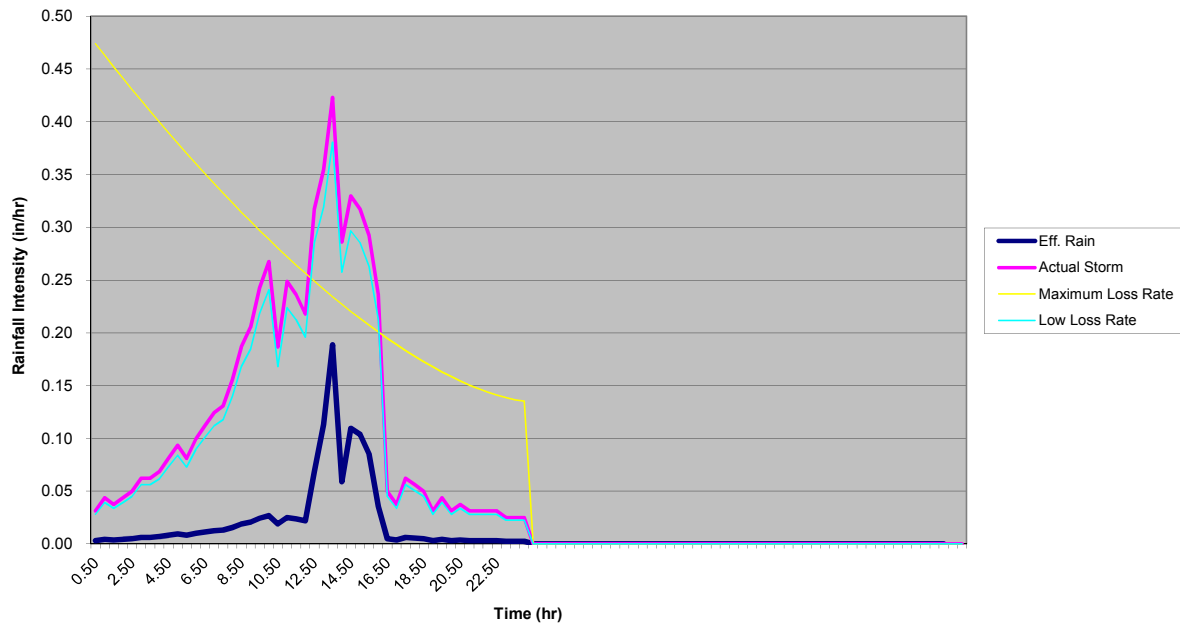
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.003	0.004	0.003	0.004	0.004	0.006	0.006	0.006	0.007	0.008
PI	0.007	0.009	0.010	0.011	0.012	0.014	0.017	0.018	0.021	0.024
PI	0.017	0.022	0.021	0.019	0.061	0.100	0.167	0.052	0.097	0.092
PI	0.075	0.031	0.004	0.003	0.006	0.005	0.004	0.003	0.004	0.003
PI	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002		

INPUT FOR THE HEC-1 PB CARD: 0.565 INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN	3.26	INCHES
UNIT TIME	30	MINUTES
ADJUSTED (CONSTANT) LOSS RATE (F)	0.230	IN/HR
LOW LOSS RATE	90%	% OF STORM RAINFALL INTENSITY
MINIMUM LOSS RATE PERCENTAGE	50%	% OF (F)

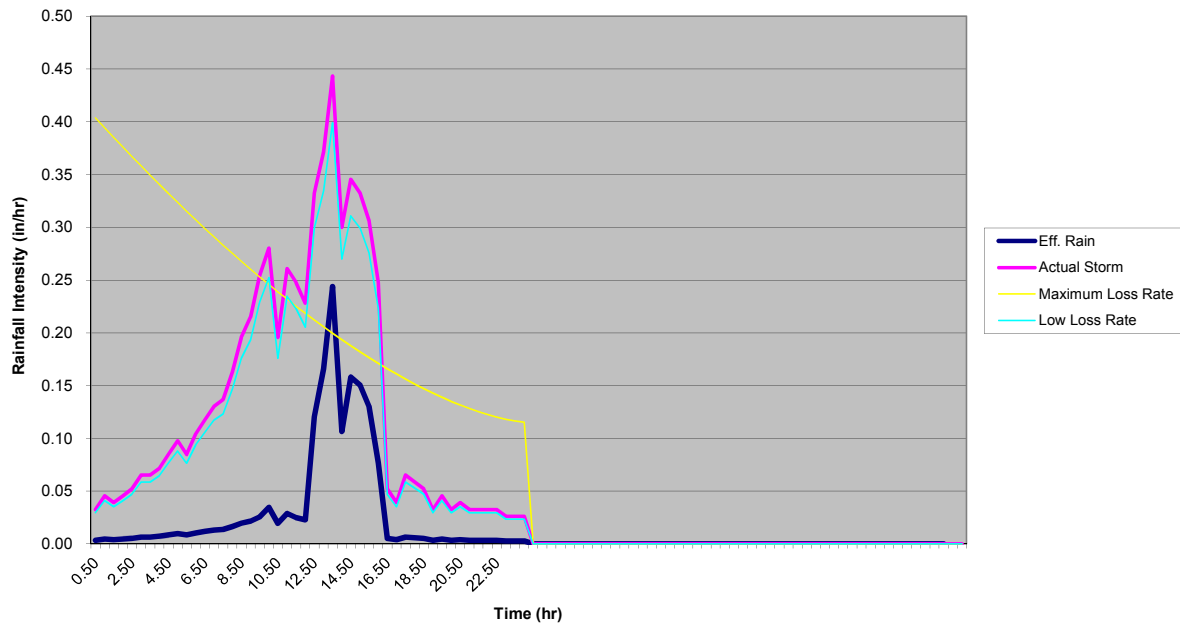
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.002	0.003	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.006
PI	0.005	0.007	0.008	0.008	0.009	0.011	0.013	0.014	0.016	0.022
PI	0.013	0.019	0.016	0.015	0.078	0.107	0.158	0.069	0.102	0.097
PI	0.084	0.050	0.003	0.003	0.004	0.004	0.003	0.002	0.003	0.002
PI	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002		

INPUT FOR THE HEC-1 PB CARD: 0.773 INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

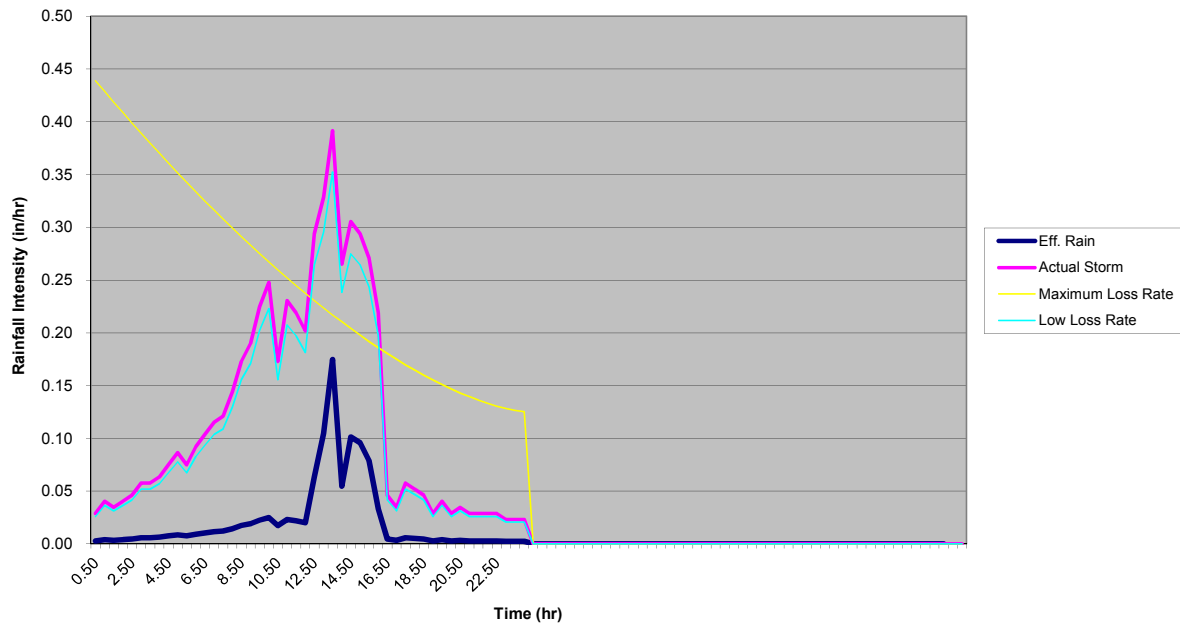
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.003	0.004	0.003	0.004	0.004	0.006	0.006	0.006	0.007	0.008
PI	0.007	0.009	0.010	0.011	0.012	0.014	0.017	0.018	0.021	0.024
PI	0.017	0.022	0.021	0.019	0.061	0.100	0.167	0.052	0.097	0.092
PI	0.075	0.031	0.004	0.003	0.006	0.005	0.004	0.003	0.004	0.003
PI	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002		

INPUT FOR THE HEC-1 PB CARD: INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN	2.99	INCHES
UNIT TIME	30	MINUTES
ADJUSTED (CONSTANT) LOSS RATE (F)	0.220	IN/HR
LOW LOSS RATE	90%	% OF STORM RAINFALL INTENSITY
MINIMUM LOSS RATE PERCENTAGE	50%	% OF (F)

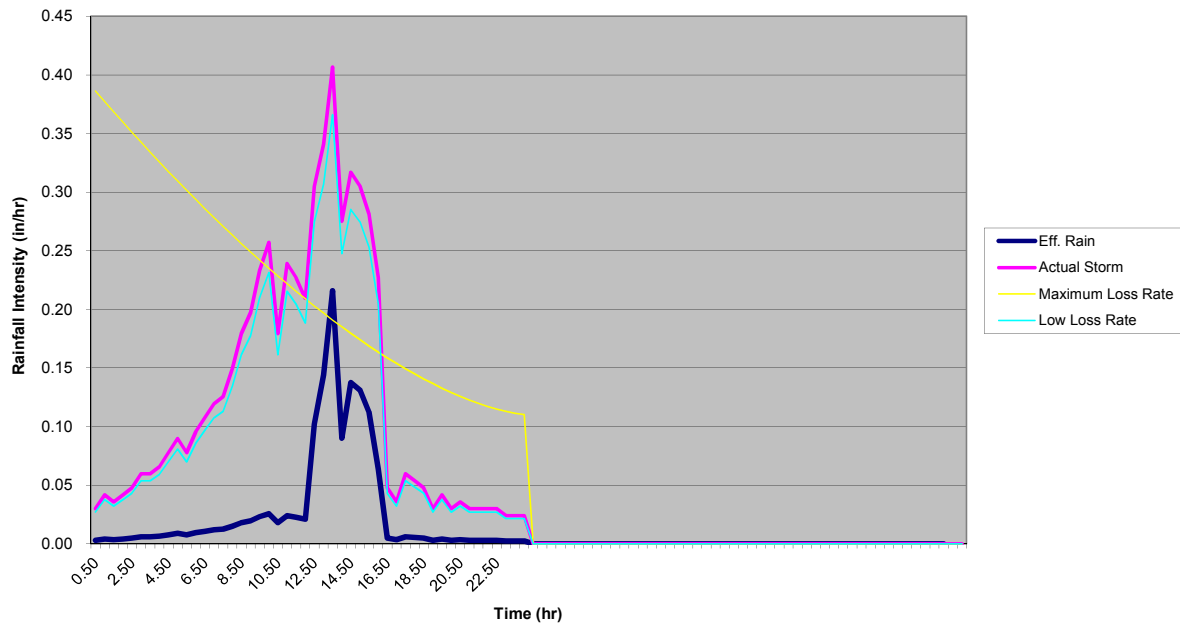
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.006	0.007
PI	0.006	0.007	0.008	0.009	0.009	0.011	0.013	0.015	0.017	0.019
PI	0.013	0.018	0.017	0.016	0.076	0.107	0.160	0.067	0.102	0.097
PI	0.083	0.047	0.004	0.003	0.004	0.004	0.004	0.002	0.003	0.002
PI	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002		

INPUT FOR THE HEC-1 PB CARD: 0.674 INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

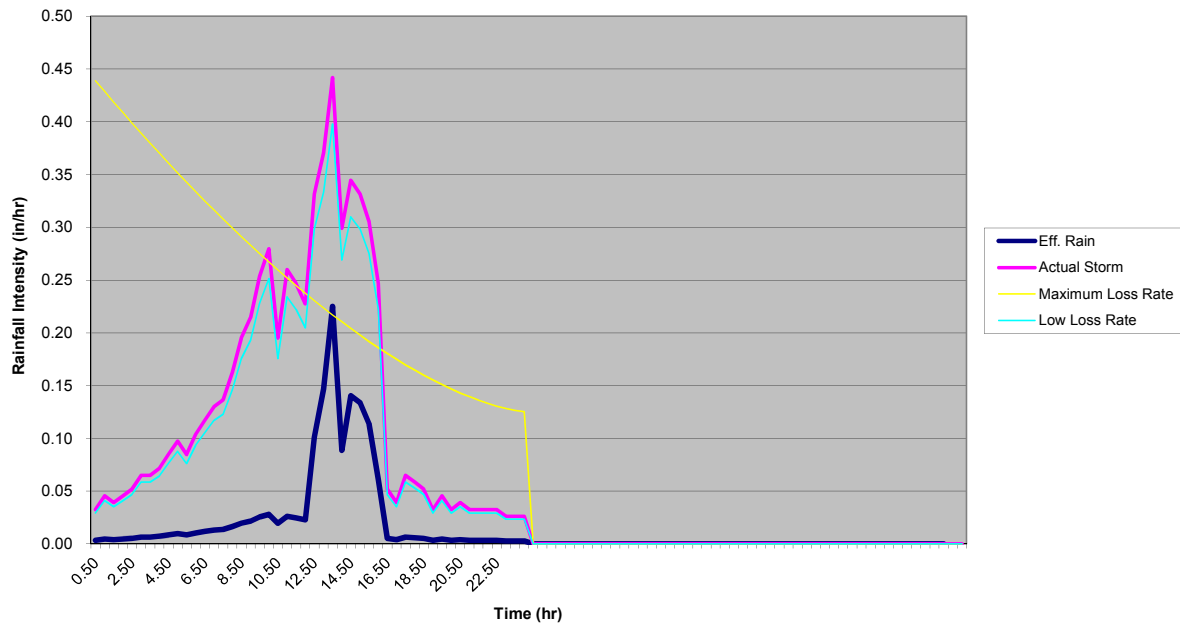
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.002	0.003	0.003	0.003	0.004	0.005	0.005	0.005	0.006	0.007
PI	0.006	0.007	0.008	0.009	0.010	0.012	0.014	0.015	0.018	0.020
PI	0.014	0.019	0.018	0.016	0.073	0.105	0.162	0.064	0.101	0.096
PI	0.082	0.044	0.004	0.003	0.005	0.004	0.004	0.002	0.003	0.002
PI	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002		

INPUT FOR THE HEC-1 PB CARD: INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

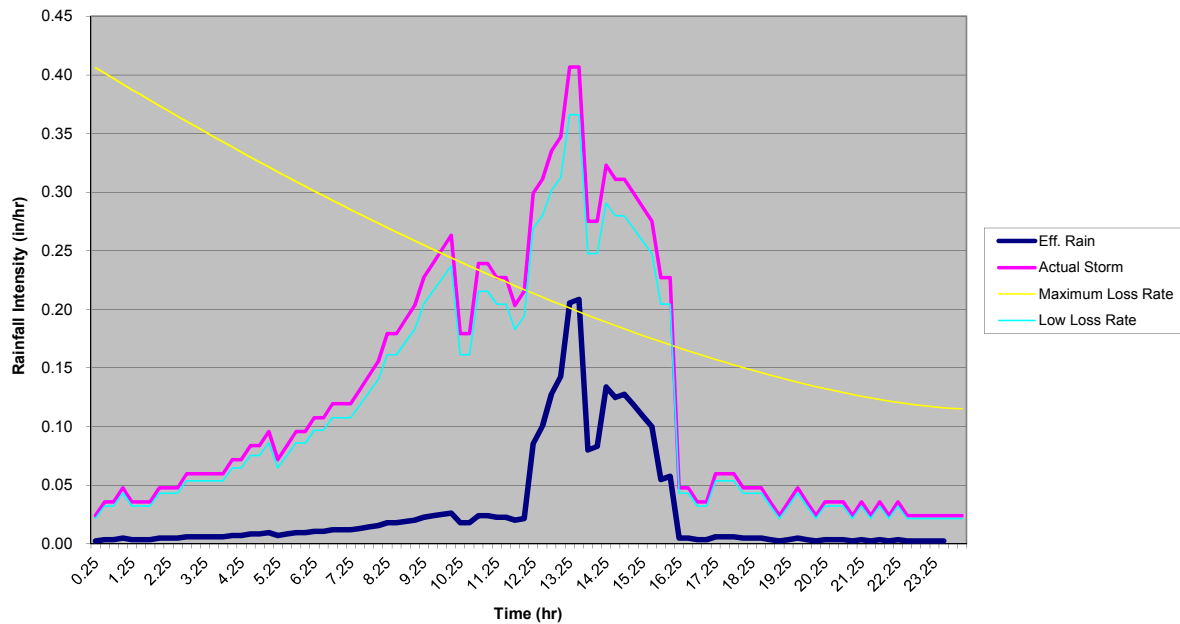
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004
PI	0.003	0.003	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005
PI	0.006	0.006	0.007	0.007	0.007	0.008	0.009	0.009	0.010	0.010
PI	0.007	0.007	0.009	0.009	0.009	0.009	0.008	0.008	0.033	0.039
PI	0.050	0.056	0.080	0.081	0.031	0.032	0.052	0.049	0.050	0.046
PI	0.043	0.039	0.021	0.022	0.002	0.002	0.001	0.001	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001				

INPUT FOR THE HEC-1 PB CARD: INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

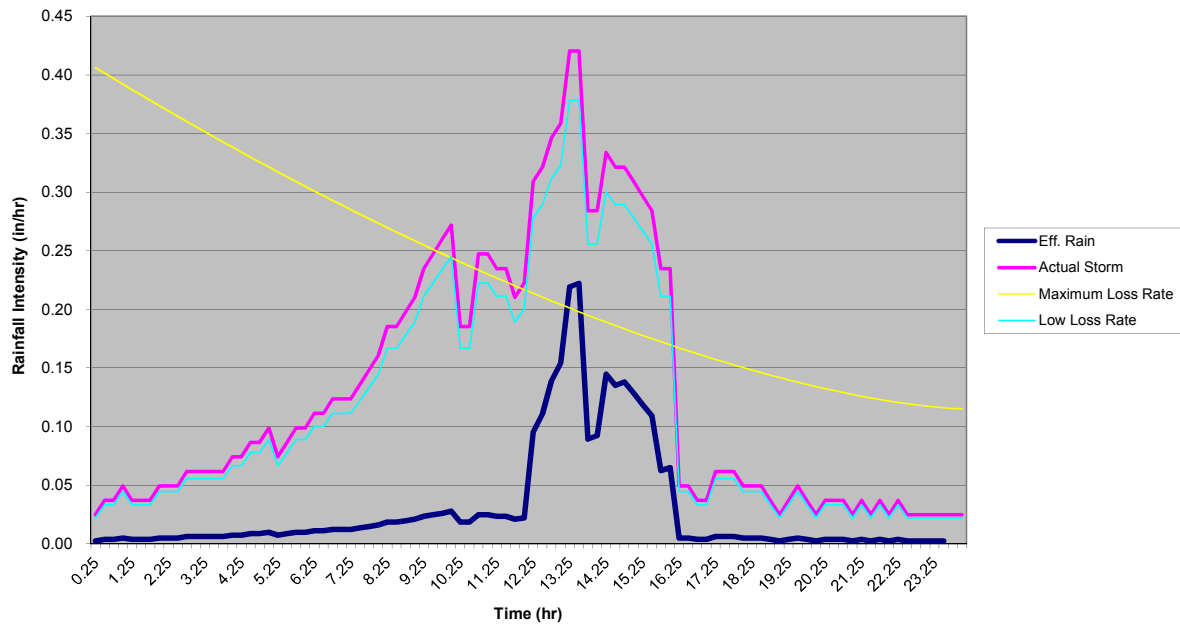
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004
PI	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005
PI	0.005	0.006	0.007	0.007	0.007	0.008	0.009	0.009	0.009	0.010
PI	0.007	0.007	0.009	0.009	0.009	0.009	0.008	0.008	0.035	0.040
PI	0.050	0.056	0.080	0.081	0.032	0.034	0.053	0.049	0.050	0.047
PI	0.043	0.040	0.023	0.024	0.002	0.002	0.001	0.001	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.002	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001				

INPUT FOR THE HEC-1 PB CARD: INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

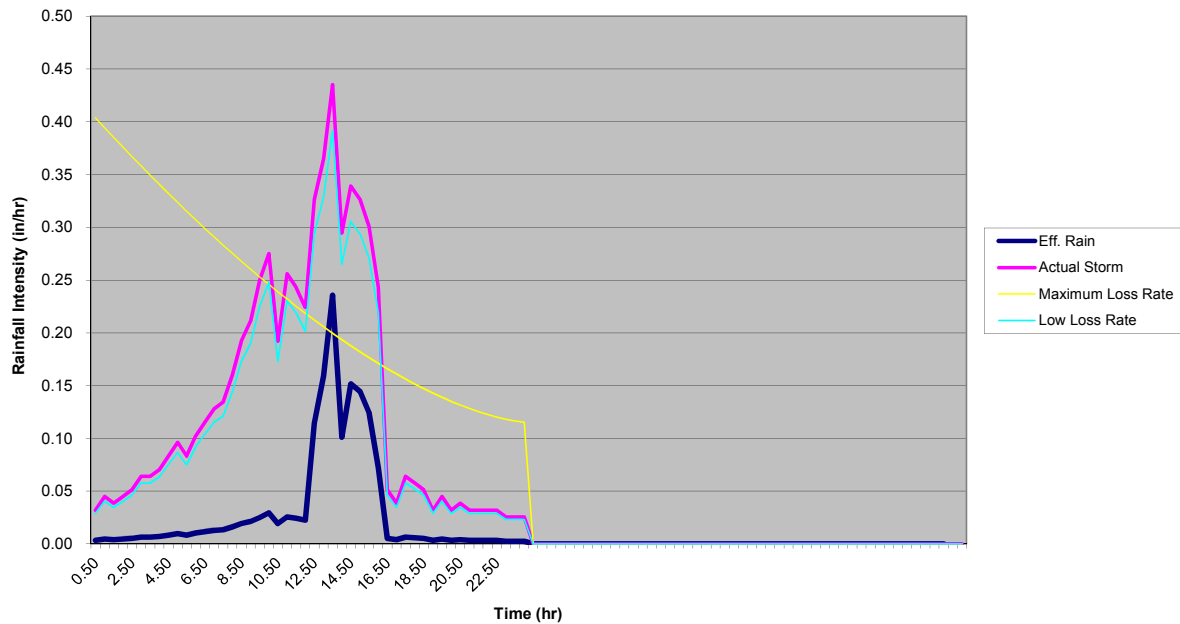
* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.002	0.003	0.003	0.003	0.003	0.004	0.004	0.005	0.006	0.006
PI	0.006	0.007	0.008	0.009	0.009	0.011	0.013	0.014	0.017	0.020
PI	0.013	0.017	0.016	0.015	0.077	0.107	0.159	0.068	0.102	0.098
PI	0.084	0.049	0.003	0.003	0.004	0.004	0.003	0.002	0.003	0.002
PI	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002		

INPUT FOR THE HEC-1 PB CARD: **0.741** INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall

RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT**24-HOUR STORM EFFECTIVE RAINFALL**

-THE PROVIDED INPUT CALCULATES THE EFFECTIVE RAINFALL PATTERN AND TOTAL STORM EFFECTIVE RAINFALL VALUES FOR THE HEC-1 PI & PB CARDS, ACCOUNTING FOR THE VARIABLE LOSS RATES CALLED FOR BY THE RCFC&WCD HYDROLOGY MANUAL FOR A 24-HOUR STORM.

RCFC & WCD INPUT:

AERIAL ADJUSTED TOTAL STORM RAIN INCHES
 UNIT TIME MINUTES
 ADJUSTED (CONSTANT) LOSS RATE (F) IN/HR
 LOW LOSS RATE % OF STORM RAINFALL INTENSITY
 MINIMUM LOSS RATE PERCENTAGE % OF (F)

* INPUT VALUES ARE AS DEFINED ON PLATES E-1.1 (1-3 OF 6)

HEC-1 INPUT DATA:

INPUT FOR THE HEC-1 PI CARDS (EFFECTIVE RAIN PATTERN %)

PI	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
PI	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004
PI	0.003	0.004	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006
PI	0.007	0.007	0.008	0.008	0.009	0.009	0.011	0.011	0.012	0.012
PI	0.008	0.008	0.011	0.011	0.011	0.011	0.009	0.010	0.026	0.033
PI	0.046	0.053	0.083	0.085	0.025	0.026	0.050	0.046	0.048	0.044
PI	0.040	0.035	0.015	0.016	0.002	0.002	0.002	0.002	0.003	0.003
PI	0.003	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.002	0.001
PI	0.002	0.002	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.001				

INPUT FOR THE HEC-1 PB CARD: **0.574** INCHES (TOTAL EFFECTIVE RAIN)

24-Hour Effective Rainfall