

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)

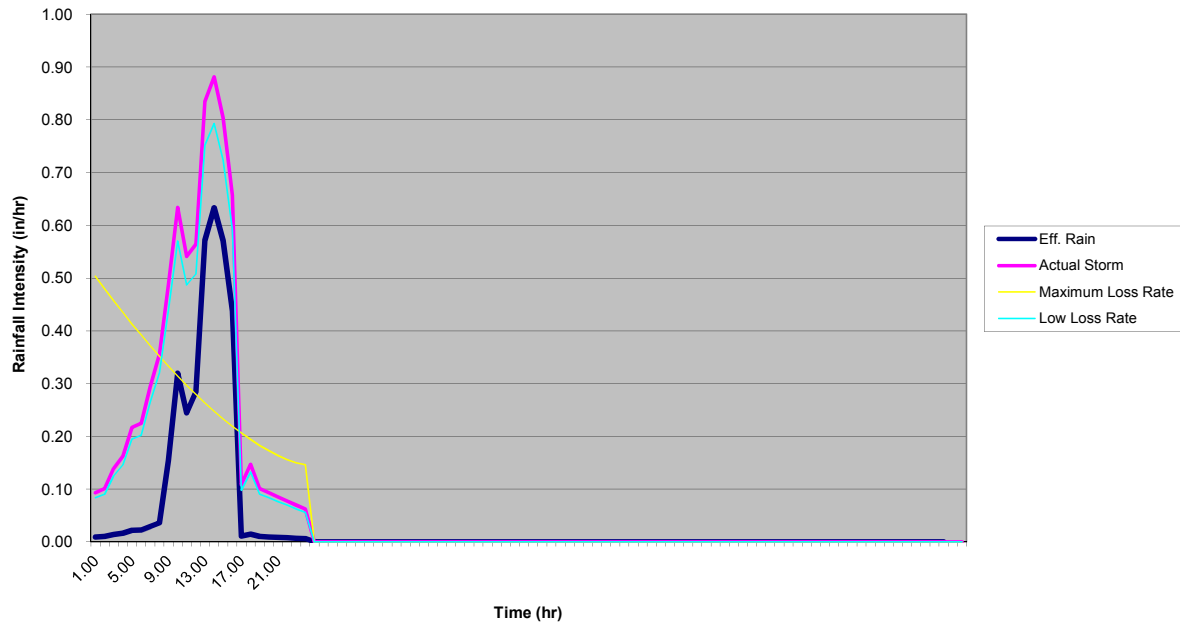
HEC-1 INPUT DATA:

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

PI	0.003	0.003	0.004	0.005	0.006	0.006	0.009	0.010	0.045	0.093
PI	0.071	0.083	0.166	0.184	0.166	0.127	0.003	0.004	0.003	0.003
PI	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)

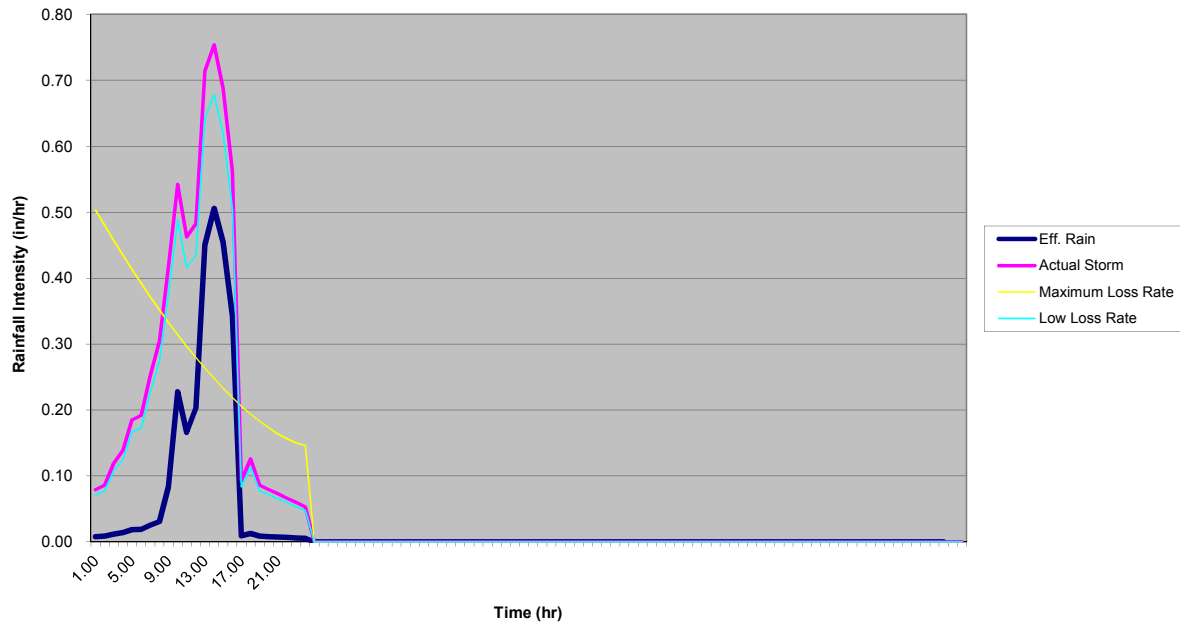
HEC-1 INPUT DATA:

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

PI	0.003	0.003	0.005	0.005	0.007	0.007	0.010	0.012	0.032	0.086
PI	0.063	0.077	0.171	0.192	0.173	0.130	0.004	0.005	0.003	0.003
PI	0.003	0.003	0.002	0.002						

INPUT FOR THE HEC-1 PB CARD: **2.632** 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)

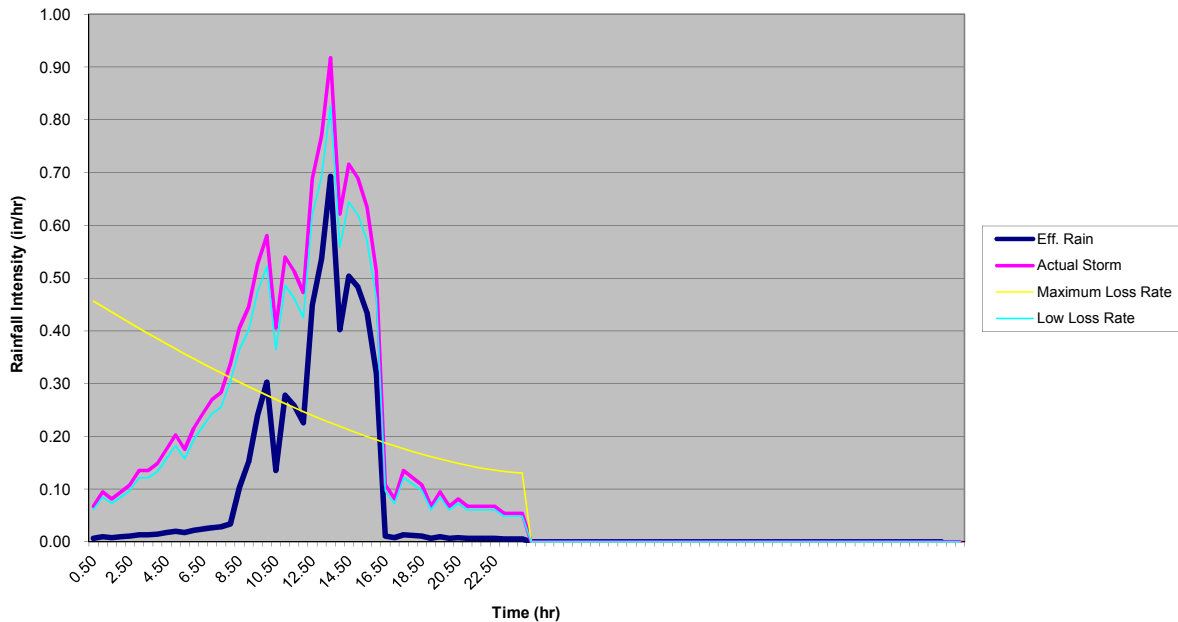
HEC-1 INPUT DATA:

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

PI	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003
PI	0.003	0.004	0.004	0.005	0.005	0.006	0.017	0.026	0.041	0.051
PI	0.023	0.047	0.044	0.038	0.076	0.091	0.117	0.068	0.085	0.082
PI	0.073	0.054	0.002	0.001	0.002	0.002	0.002	0.001	0.002	0.001
PI	0.001	0.001	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)

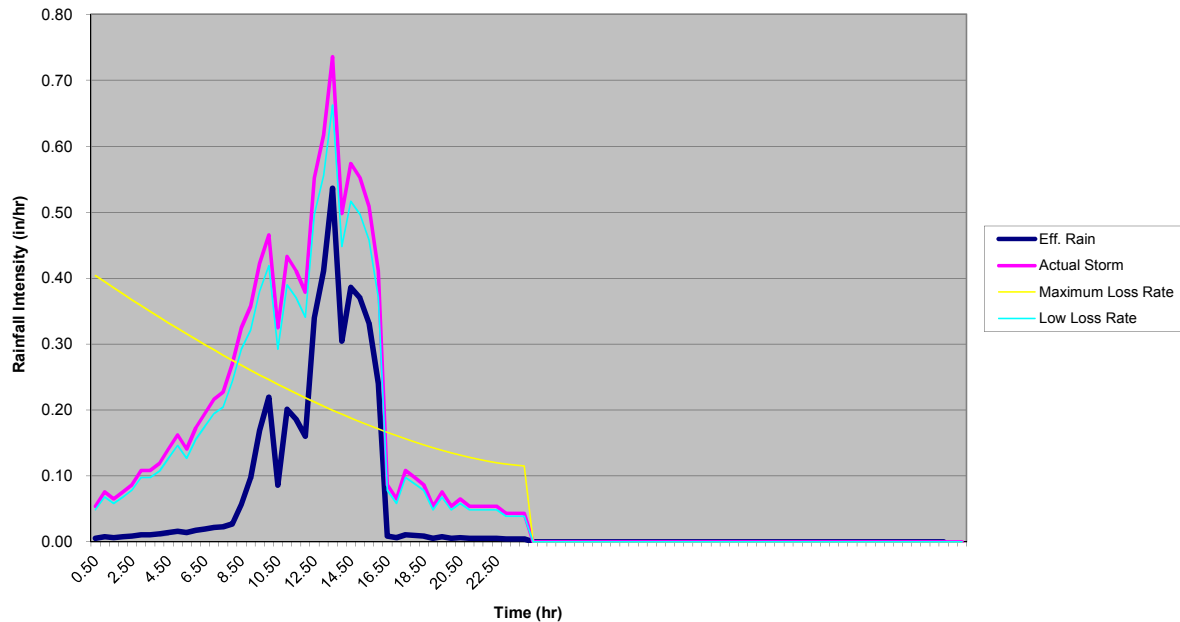
HEC-1 INPUT DATA:

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

PI	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.004
PI	0.003	0.004	0.004	0.005	0.005	0.006	0.013	0.022	0.038	0.050
PI	0.019	0.045	0.042	0.036	0.077	0.093	0.121	0.069	0.087	0.084
PI	0.075	0.054	0.002	0.001	0.002	0.002	0.002	0.001	0.002	0.001
PI	0.001	0.001	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)

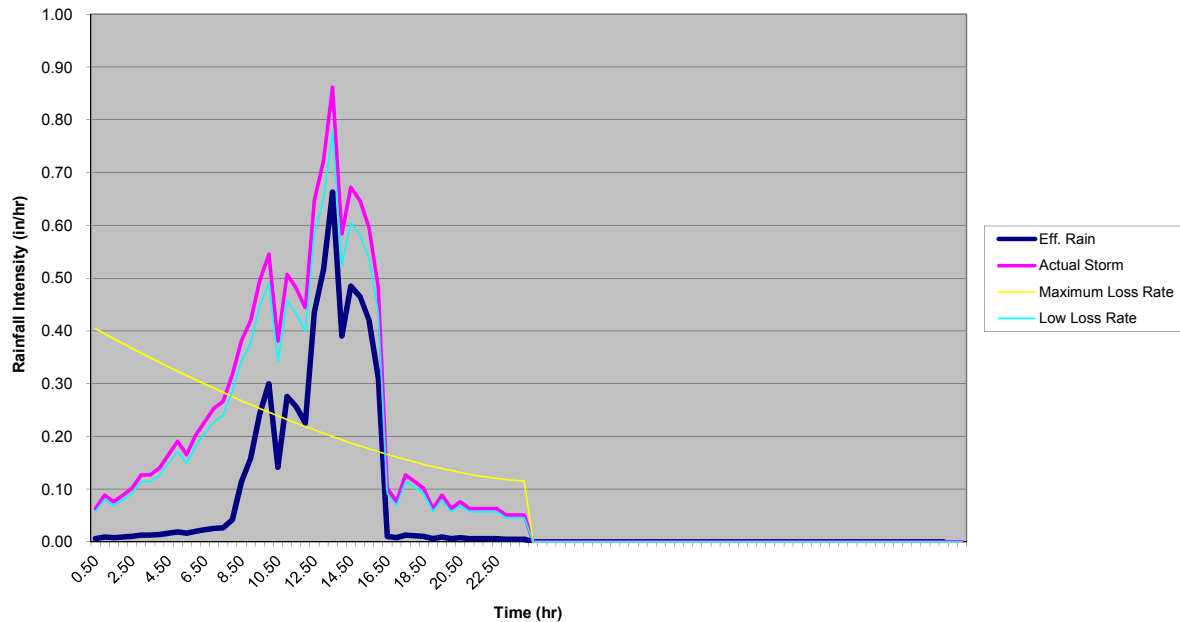
HEC-1 INPUT DATA:

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

PI	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.003
PI	0.003	0.004	0.004	0.004	0.005	0.007	0.019	0.027	0.042	0.052
PI	0.024	0.048	0.044	0.039	0.075	0.089	0.115	0.067	0.084	0.080
PI	0.073	0.054	0.002	0.001	0.002	0.002	0.002	0.001	0.002	0.001
PI	0.001	0.001	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)

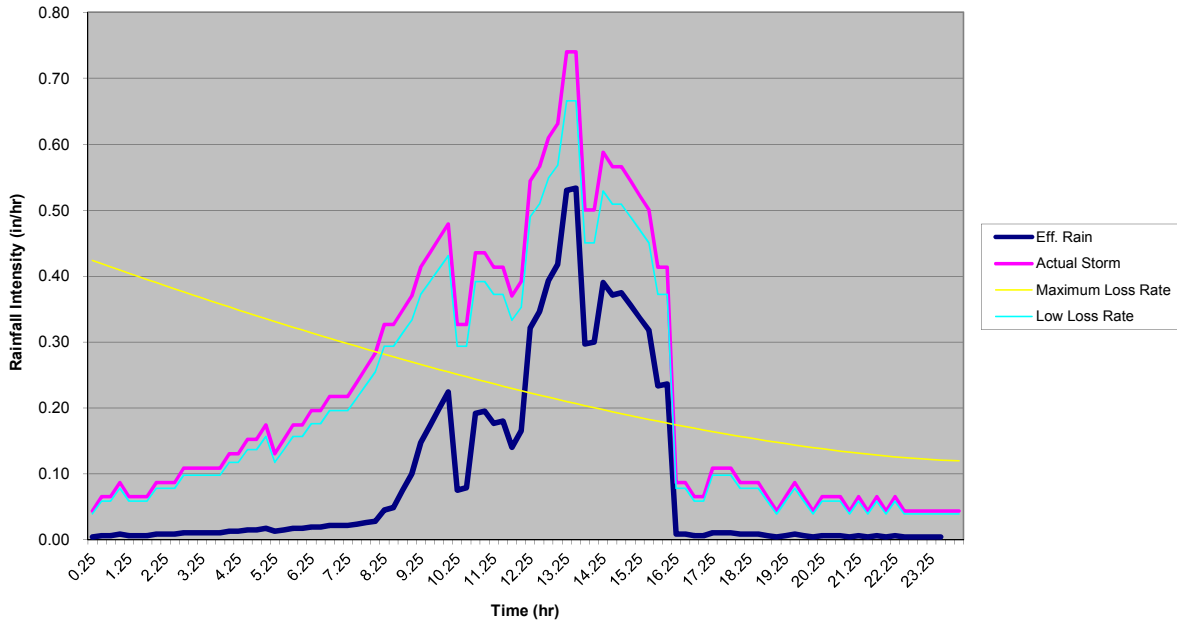
HEC-1 INPUT DATA:

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

PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003
PI	0.003	0.003	0.005	0.006	0.009	0.012	0.017	0.020	0.023	0.026
PI	0.009	0.009	0.022	0.023	0.020	0.021	0.016	0.019	0.037	0.040
PI	0.046	0.048	0.061	0.062	0.034	0.035	0.045	0.043	0.043	0.041
PI	0.039	0.037	0.027	0.027	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	0.001	0.001	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	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)

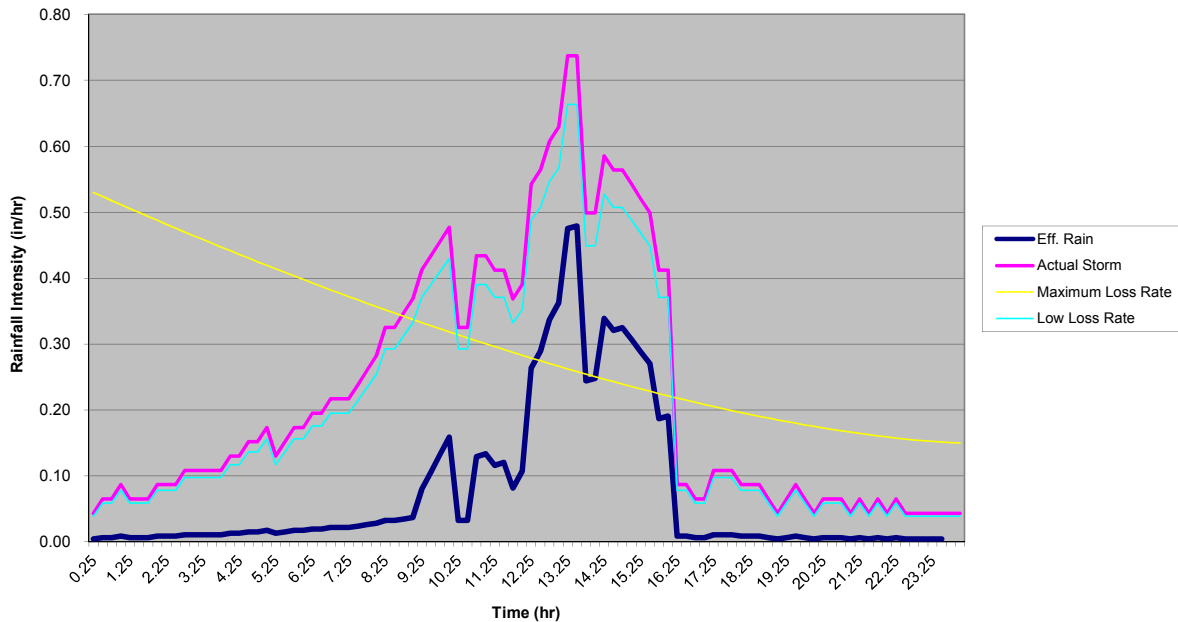
HEC-1 INPUT DATA:

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

PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003
PI	0.004	0.004	0.005	0.005	0.005	0.005	0.011	0.015	0.019	0.023
PI	0.005	0.005	0.019	0.019	0.017	0.017	0.012	0.015	0.038	0.042
PI	0.048	0.052	0.068	0.069	0.035	0.036	0.049	0.046	0.047	0.044
PI	0.042	0.039	0.027	0.027	0.001	0.001	0.001	0.001	0.002	0.002
PI	0.002	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	0.001	0.001	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

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)

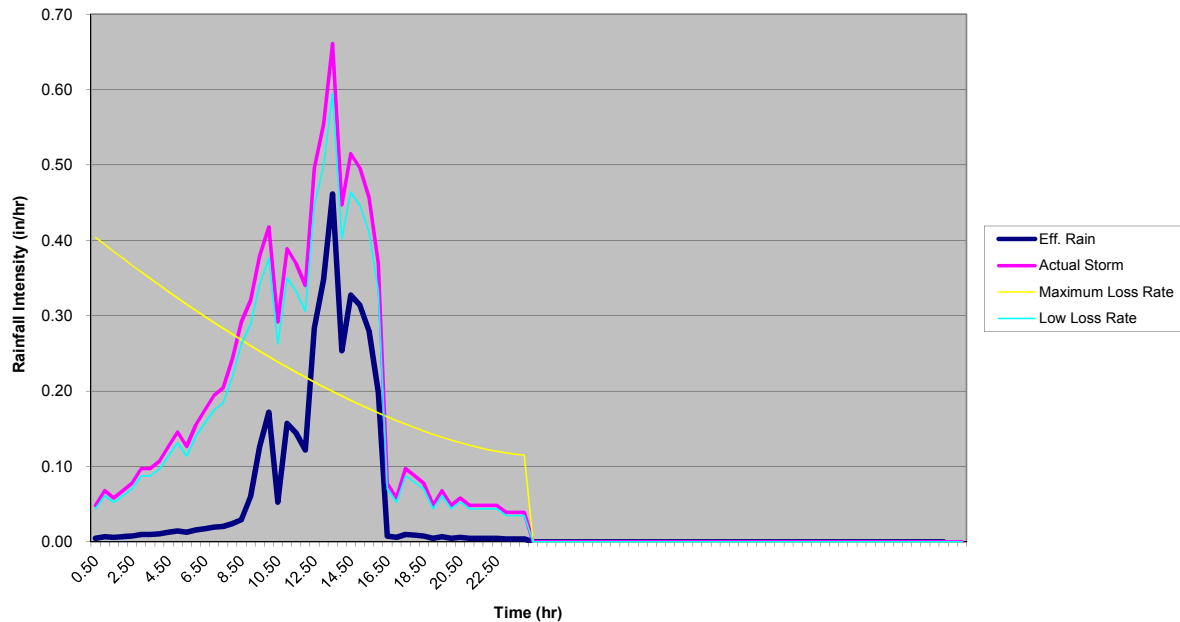
HEC-1 INPUT DATA:

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

PI	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004
PI	0.003	0.004	0.005	0.005	0.006	0.007	0.008	0.017	0.035	0.048
PI	0.015	0.043	0.040	0.034	0.078	0.096	0.127	0.070	0.090	0.087
PI	0.077	0.055	0.002	0.002	0.003	0.002	0.002	0.001	0.002	0.001
PI	0.002	0.001	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)

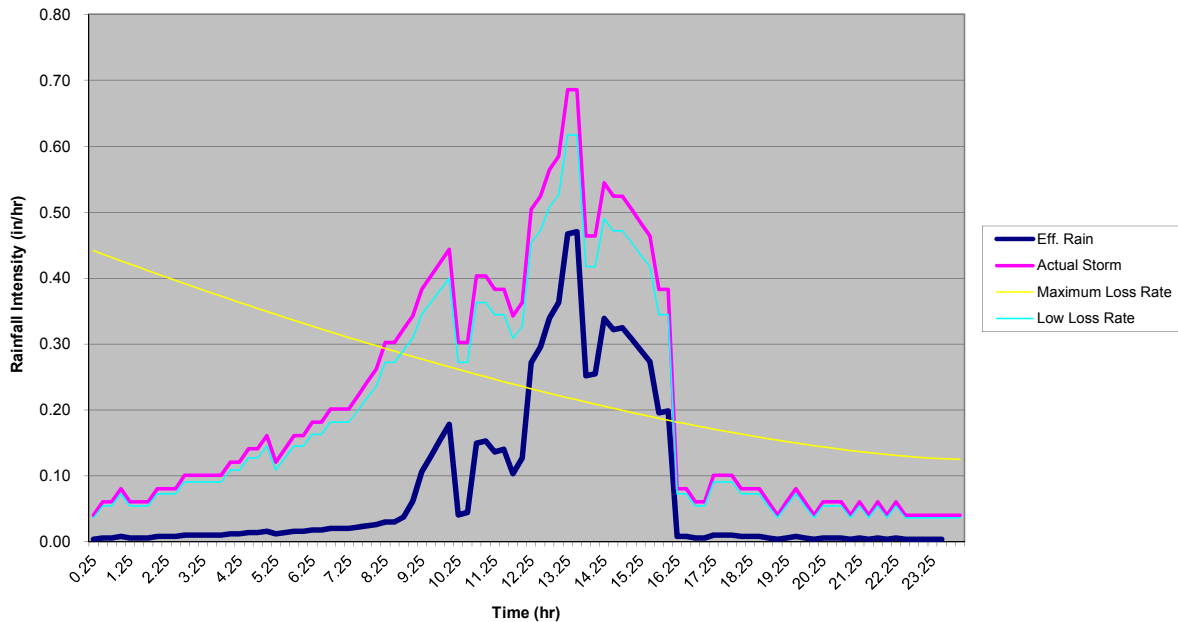
HEC-1 INPUT DATA:

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

PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003
PI	0.003	0.004	0.004	0.004	0.005	0.009	0.015	0.018	0.021	0.025
PI	0.006	0.006	0.021	0.021	0.019	0.019	0.014	0.018	0.038	0.041
PI	0.047	0.050	0.065	0.065	0.035	0.035	0.047	0.045	0.045	0.043
PI	0.040	0.038	0.027	0.028	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	0.001	0.001	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	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)

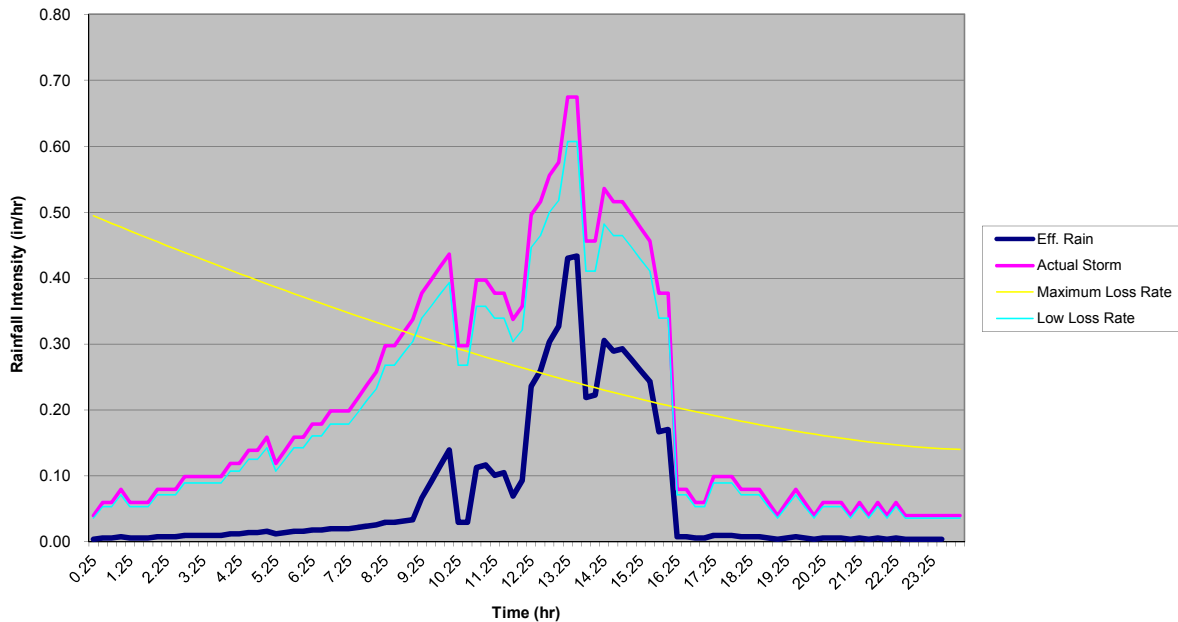
HEC-1 INPUT DATA:

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

PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003
PI	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004
PI	0.004	0.004	0.005	0.005	0.005	0.005	0.011	0.015	0.019	0.022
PI	0.005	0.005	0.018	0.019	0.016	0.017	0.011	0.015	0.038	0.042
PI	0.049	0.053	0.069	0.070	0.035	0.036	0.049	0.046	0.047	0.044
PI	0.042	0.039	0.027	0.027	0.001	0.001	0.001	0.001	0.002	0.002
PI	0.002	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	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)

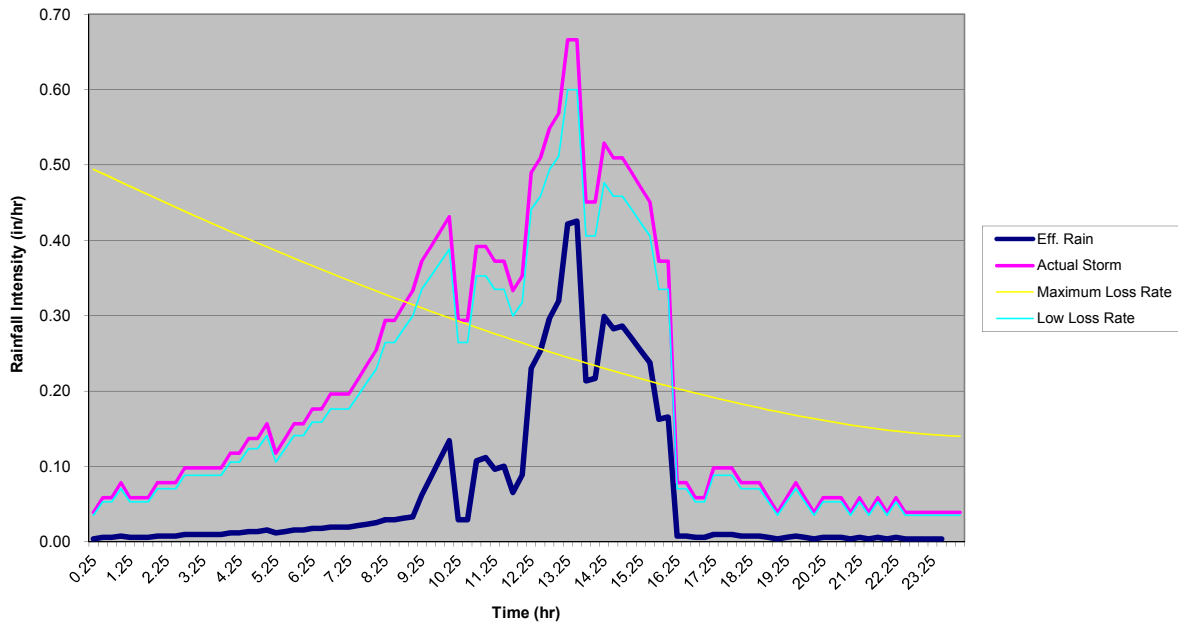
HEC-1 INPUT DATA:

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

PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003
PI	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004
PI	0.004	0.004	0.005	0.005	0.005	0.005	0.010	0.014	0.018	0.022
PI	0.005	0.005	0.018	0.018	0.016	0.017	0.011	0.015	0.038	0.042
PI	0.049	0.053	0.069	0.070	0.035	0.036	0.049	0.047	0.047	0.045
PI	0.042	0.039	0.027	0.027	0.001	0.001	0.001	0.001	0.002	0.002
PI	0.002	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	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)

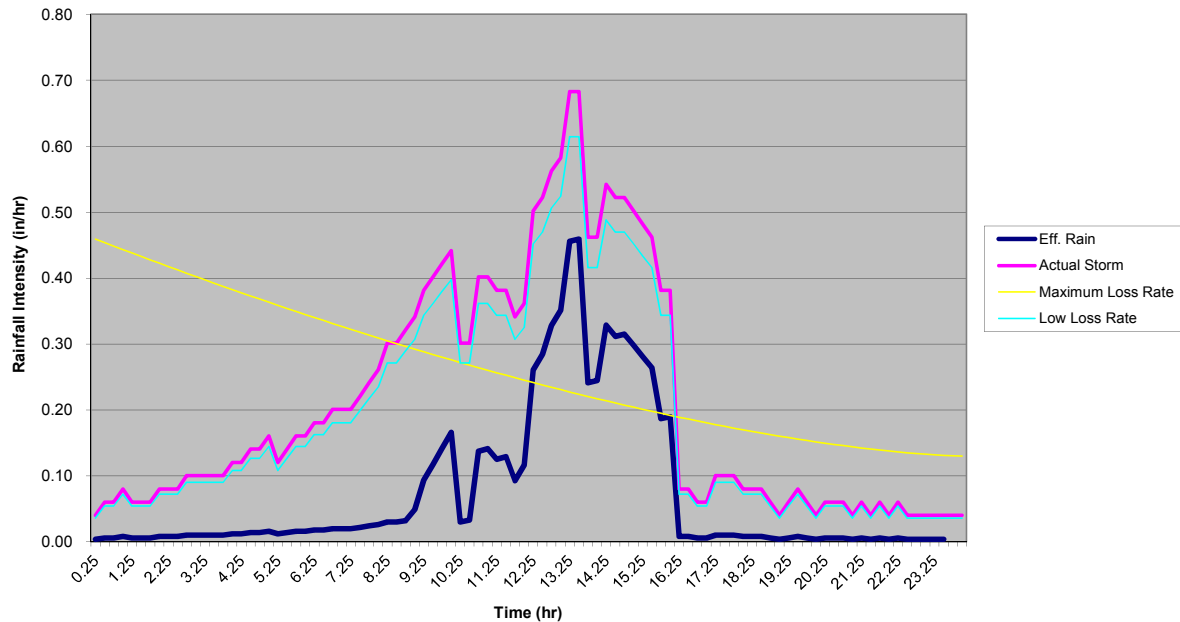
HEC-1 INPUT DATA:

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

PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003
PI	0.004	0.004	0.004	0.004	0.005	0.007	0.014	0.017	0.021	0.024
PI	0.004	0.005	0.020	0.021	0.018	0.019	0.013	0.017	0.038	0.041
PI	0.048	0.051	0.066	0.067	0.035	0.036	0.048	0.045	0.046	0.043
PI	0.041	0.038	0.027	0.028	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	0.001	0.001	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	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)

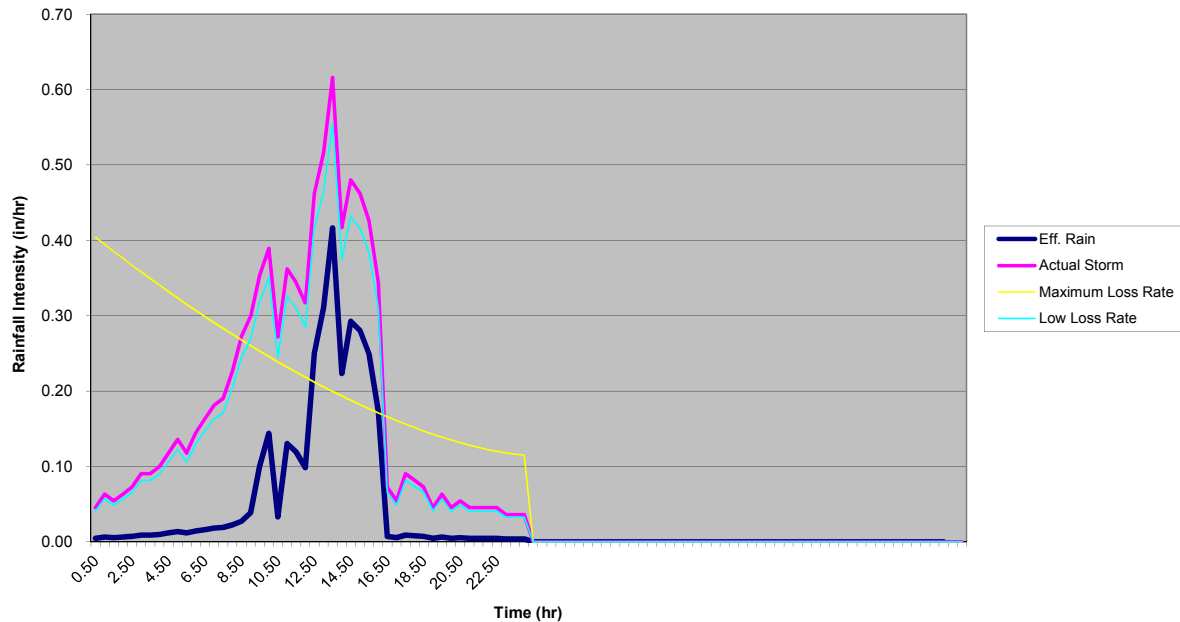
HEC-1 INPUT DATA:

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

PI	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.004
PI	0.004	0.005	0.005	0.006	0.006	0.007	0.009	0.012	0.032	0.045
PI	0.010	0.041	0.038	0.031	0.079	0.098	0.132	0.071	0.093	0.089
PI	0.079	0.055	0.002	0.002	0.003	0.003	0.002	0.001	0.002	0.001
PI	0.002	0.001	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)

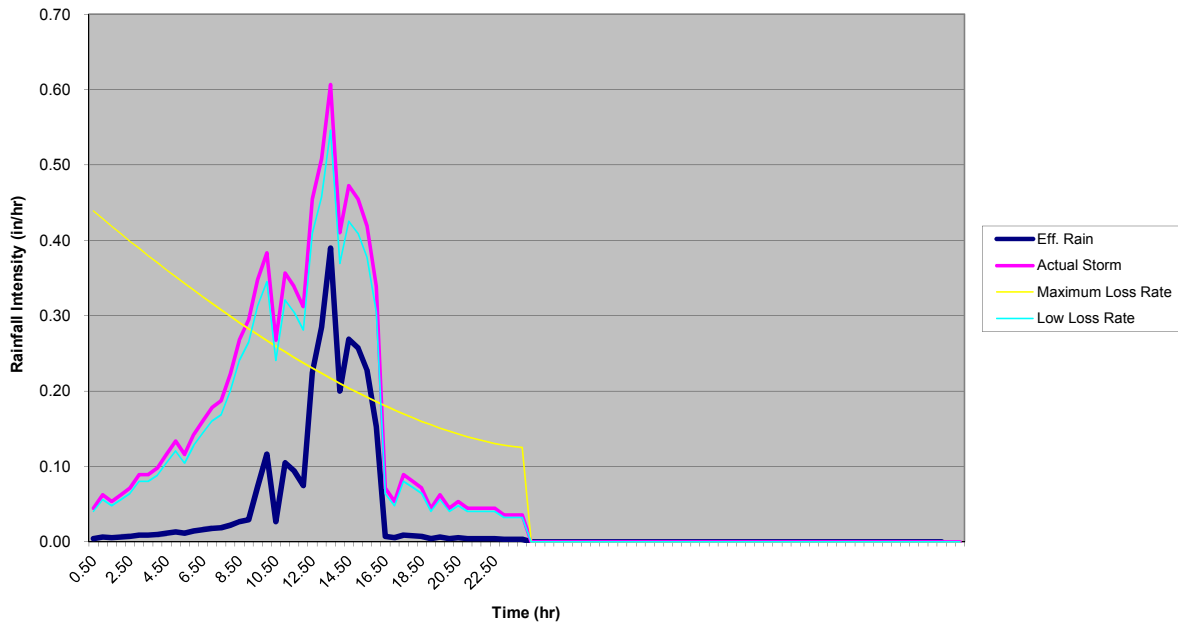
HEC-1 INPUT DATA:

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

PI	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004	0.005
PI	0.004	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.026	0.041
PI	0.009	0.037	0.033	0.026	0.080	0.101	0.138	0.071	0.095	0.091
PI	0.081	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)

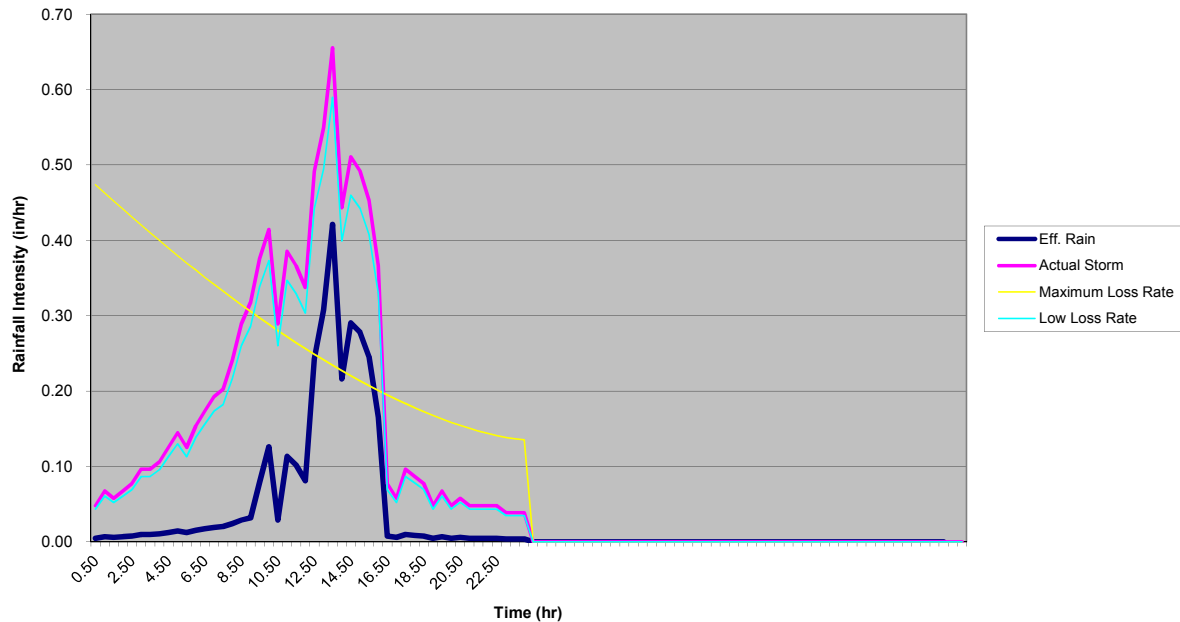
HEC-1 INPUT DATA:

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

PI	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004	0.005
PI	0.004	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.026	0.041
PI	0.009	0.037	0.033	0.027	0.080	0.101	0.138	0.071	0.095	0.091
PI	0.081	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)

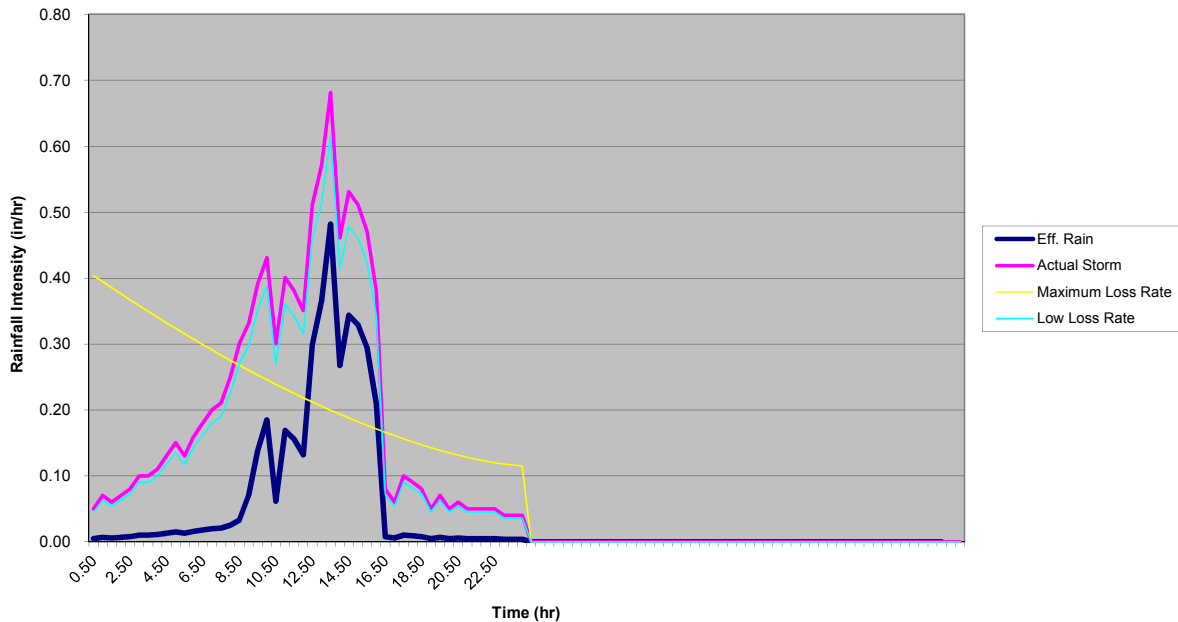
HEC-1 INPUT DATA:

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

PI	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004
PI	0.003	0.004	0.005	0.005	0.005	0.007	0.009	0.018	0.036	0.048
PI	0.016	0.044	0.041	0.034	0.078	0.095	0.126	0.070	0.090	0.086
PI	0.077	0.055	0.002	0.002	0.003	0.002	0.002	0.001	0.002	0.001
PI	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001		

INPUT FOR THE HEC-1 PB CARD: **1.918** 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)

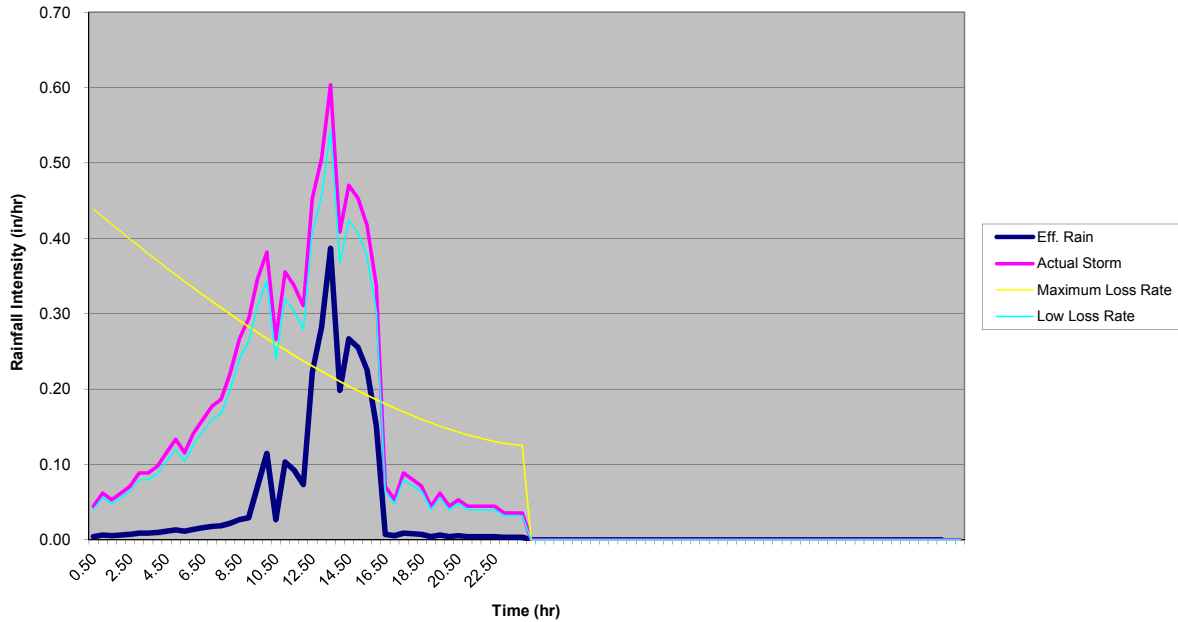
HEC-1 INPUT DATA:

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	0.003	0.004	0.005
PI	0.004	0.005	0.006	0.006	0.007	0.008	0.010	0.010	0.026	0.041
PI	0.010	0.037	0.033	0.026	0.080	0.101	0.139	0.071	0.095	0.091
PI	0.081	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)

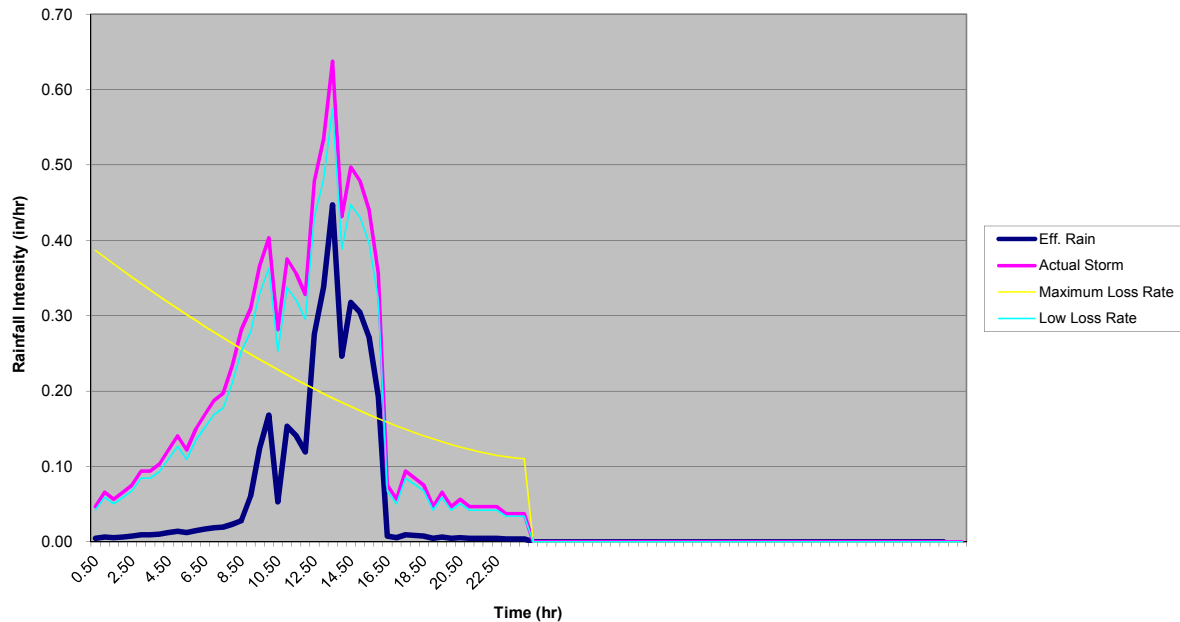
HEC-1 INPUT DATA:

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

PI	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004
PI	0.003	0.004	0.005	0.005	0.006	0.007	0.008	0.017	0.035	0.048
PI	0.015	0.044	0.040	0.034	0.078	0.096	0.127	0.070	0.090	0.086
PI	0.077	0.055	0.002	0.002	0.003	0.002	0.002	0.001	0.002	0.001
PI	0.002	0.001	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)

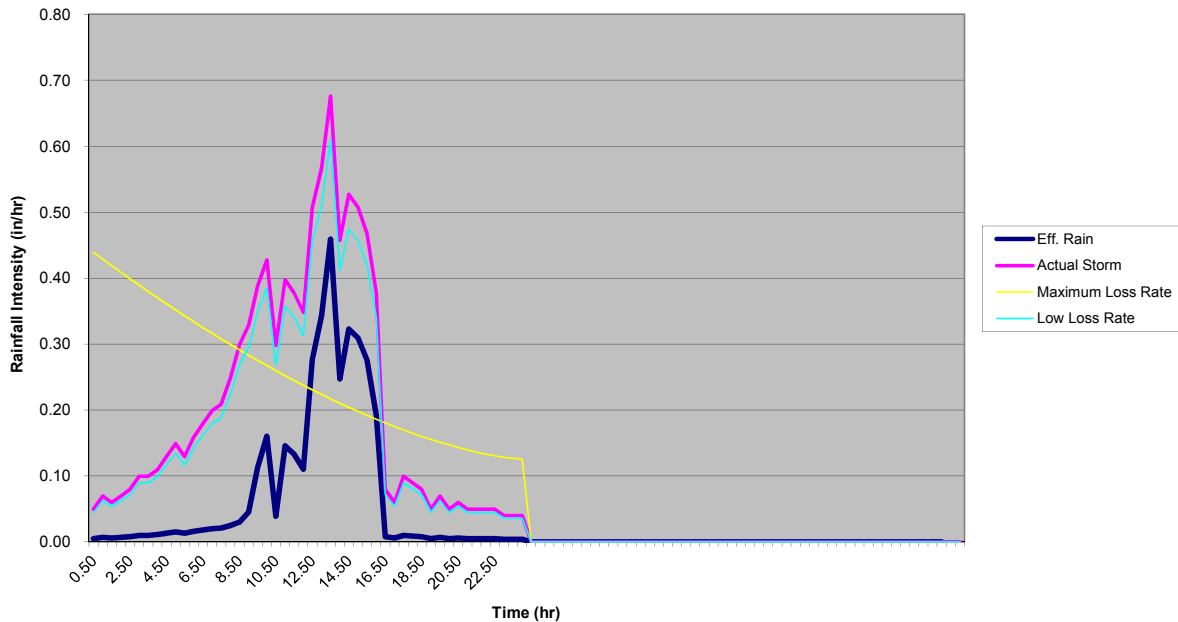
HEC-1 INPUT DATA:

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

PI	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.004
PI	0.004	0.005	0.005	0.006	0.006	0.007	0.009	0.013	0.032	0.046
PI	0.011	0.042	0.038	0.032	0.079	0.098	0.131	0.071	0.092	0.088
PI	0.079	0.055	0.002	0.002	0.003	0.003	0.002	0.001	0.002	0.001
PI	0.002	0.001	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)

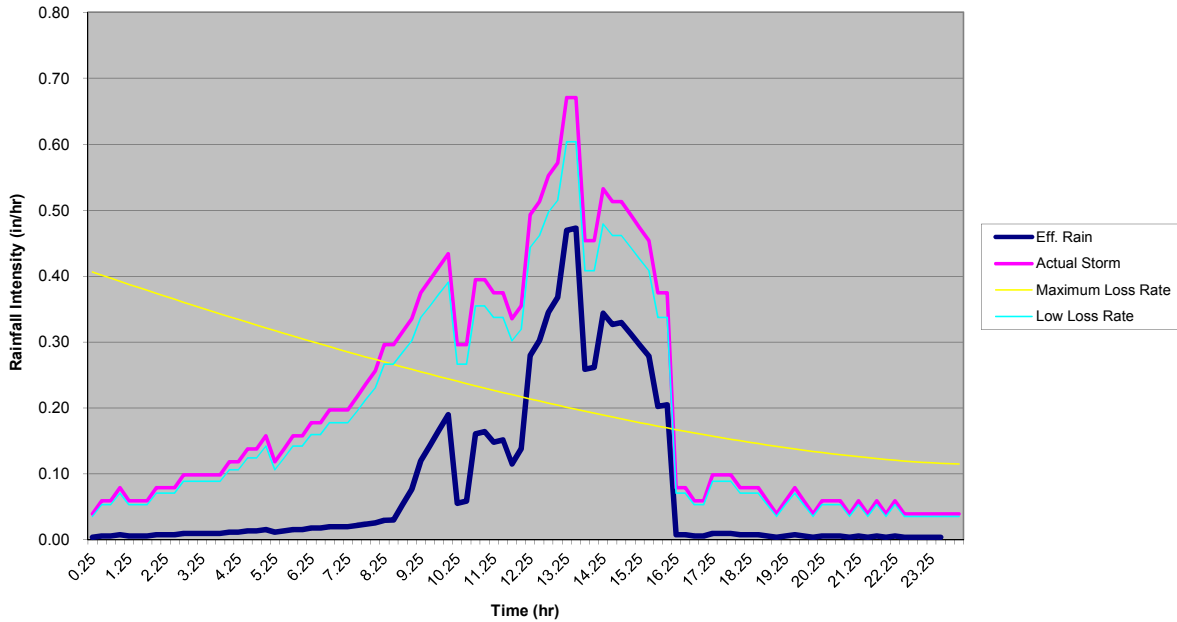
HEC-1 INPUT DATA:

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

PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003
PI	0.003	0.003	0.004	0.004	0.007	0.010	0.016	0.019	0.022	0.025
PI	0.007	0.008	0.022	0.022	0.020	0.020	0.015	0.019	0.038	0.041
PI	0.046	0.049	0.063	0.063	0.035	0.035	0.046	0.044	0.044	0.042
PI	0.040	0.037	0.027	0.028	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	0.001	0.001	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	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)

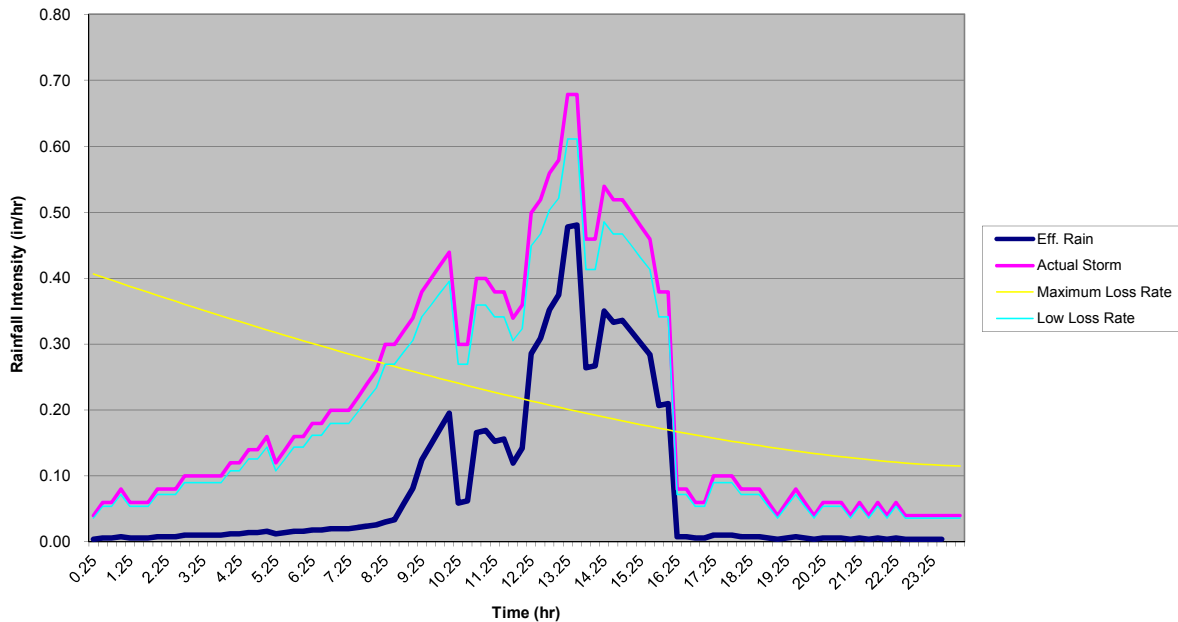
HEC-1 INPUT DATA:

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

PI	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003
PI	0.003	0.003	0.004	0.004	0.008	0.011	0.016	0.019	0.023	0.026
PI	0.008	0.008	0.022	0.022	0.020	0.020	0.016	0.019	0.037	0.041
PI	0.046	0.049	0.063	0.063	0.035	0.035	0.046	0.044	0.044	0.042
PI	0.040	0.037	0.027	0.028	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	0.001	0.001	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	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)

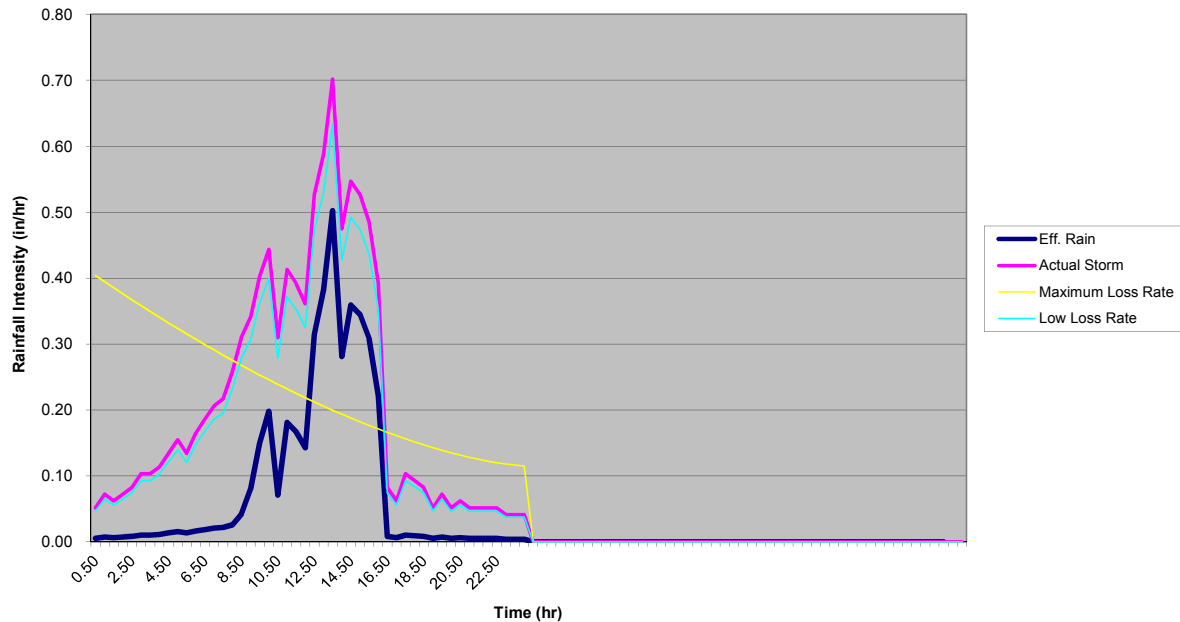
HEC-1 INPUT DATA:

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

PI	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.004
PI	0.003	0.004	0.005	0.005	0.005	0.006	0.010	0.020	0.037	0.049
PI	0.017	0.045	0.041	0.035	0.078	0.094	0.124	0.069	0.089	0.085
PI	0.076	0.055	0.002	0.002	0.003	0.002	0.002	0.001	0.002	0.001
PI	0.002	0.001	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	0.001	0.001	0.001	0.001	0.001	0.001	0.001
PI	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
PI	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003
PI	0.004	0.004	0.005	0.005	0.005	0.006	0.012	0.016	0.020	0.023
PI	0.005	0.005	0.019	0.020	0.017	0.018	0.012	0.016	0.038	0.042
PI	0.048	0.052	0.068	0.068	0.035	0.036	0.048	0.046	0.046	0.044
PI	0.041	0.039	0.027	0.028	0.001	0.001	0.001	0.001	0.002	0.002
PI	0.002	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	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

