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1

SCHEMATIC DIAGRAM OF STREAM NETWORK

INPUT LINE (V) ROUTING (--->) DIVERSION OR PUMP FLOW

NO. (.) CONNECTOR (<---) RETURN OF DIVERTED OR PUMPED FLOW

8 A
V

24 POND5

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

1*****

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* FLOOD HYDROGRAPH PACKAGE (HEC-1) *
* CORPS OF ENGINEERS *
* JUN 1998 *
* ENGINEERING CENTER *
* VERSION 4.1 *
* SECOND STREET *
* CALIFORNIA 95616 *
* RUN DATE 27JUL06 TIME 08:37:50 *
* (916) 756-1104 *

* U.S. ARMY
* HYDROLOGIC
* 609
* DAVIS,

HEC-1 ANALYSIS FOR HOOVER ROAD BASIN
PROPOSED DRAINAGE ALONG RAILROAD
100-YEAR STORM

6 IO

OUTPUT CONTROL VARIABLES

IIPRNT 0 PRINT CONTROL
IPLOT 5 PLOT CONTROL
QSCAL 0. HYDROGRAPH PLOT SCALE

IT HYDROGRAPH TIME DATA

NMIN	15	MINUTES IN COMPUTATION INTERVAL
IDATE	27SEP99	STARTING DATE
ITIME	1200	STARTING TIME
NO	129	NUMBER OF HYDROGRAPH ORDINATES
NDDATE	28SEP99	ENDING DATE
NDTIME	2000	ENDING TIME
ICENT	19	CENTURY MARK

COMPUTATION INTERVAL .25 HOURS
TOTAL TIME BASE 32.00 HOURS

ENGLISH UNITS

DRAINAGE AREA	SQUARE MILES
PRECIPITATION DEPTH	INCHES
LENGTH, ELEVATION	FEET
FLOW	CUBIC FEET PER SECOND
STORAGE VOLUME	ACRE-FEET
SURFACE AREA	ACRES
TEMPERATURE	DEGREES FAHRENHEIT

JP MULTI-PLAN OPTION 1 NUMBER OF PLANS
NPLAN

JR MULTI-RATIO OPTION
RATIOS OF PRECIPITATION
7.80

8 KK *
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* A *
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9 KO OUTPUT CONTROL VARIABLES
IPRINT 5 PRINT CONTROL
IPLLOT 5 PLOT CONTROL
QSCAL 0. HYDROGRAPH PLOT SCALE

oak20.txt
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 * POND5 *
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25 KO OUTPUT CONTROL VARIABLES
 IPRINT 5 PRINT CONTROL
 IPLOT 5 PLOT CONTROL
 QSCAL 0. HYDROGRAPH PLOT SCALE

1
 PEAK FLOW AND STAGE (END-OF-PERIOD) SUMMARY FOR MULTIPLE PLAN-RATIO ECONOMIC COMPUTATIONS
 FLOWS IN CUBIC FEET PER SECOND, AREA IN SQUARE MILES
 TIME TO PEAK IN HOURS

OPERATION STATION AREA PLAN RATIO 1 RATIO 1 RATIO 1
 RATIO 1 RATIO 1 RATIO 1
 7.80

HYDROGRAPH AT
 + A .04 1 FLOW 77.
 TIME 12.75

ROUTED TO
 + POND5 .04 1 FLOW 37.
 TIME 13.50

** PEAK STAGES IN FEET **
 1 STAGE 1367.28
 TIME 13.50

*** NORMAL END OF HEC-1 ***