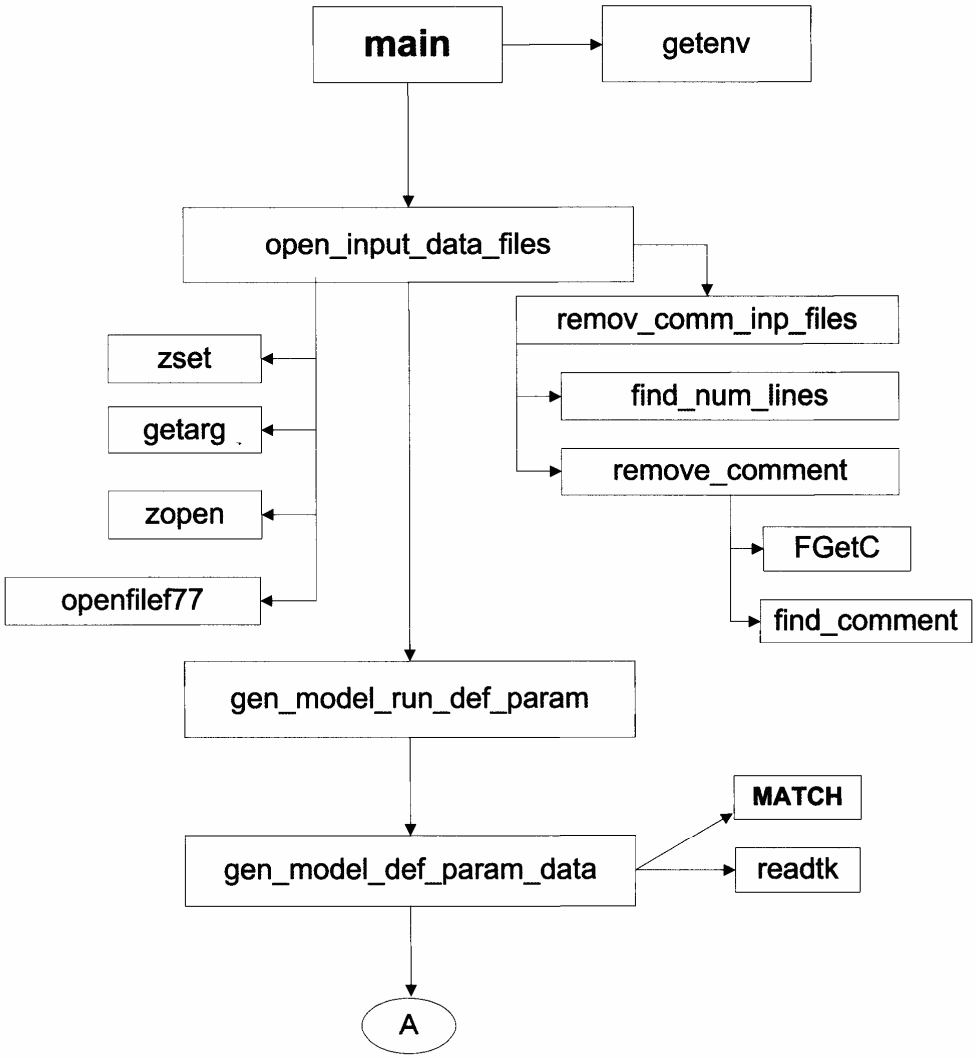
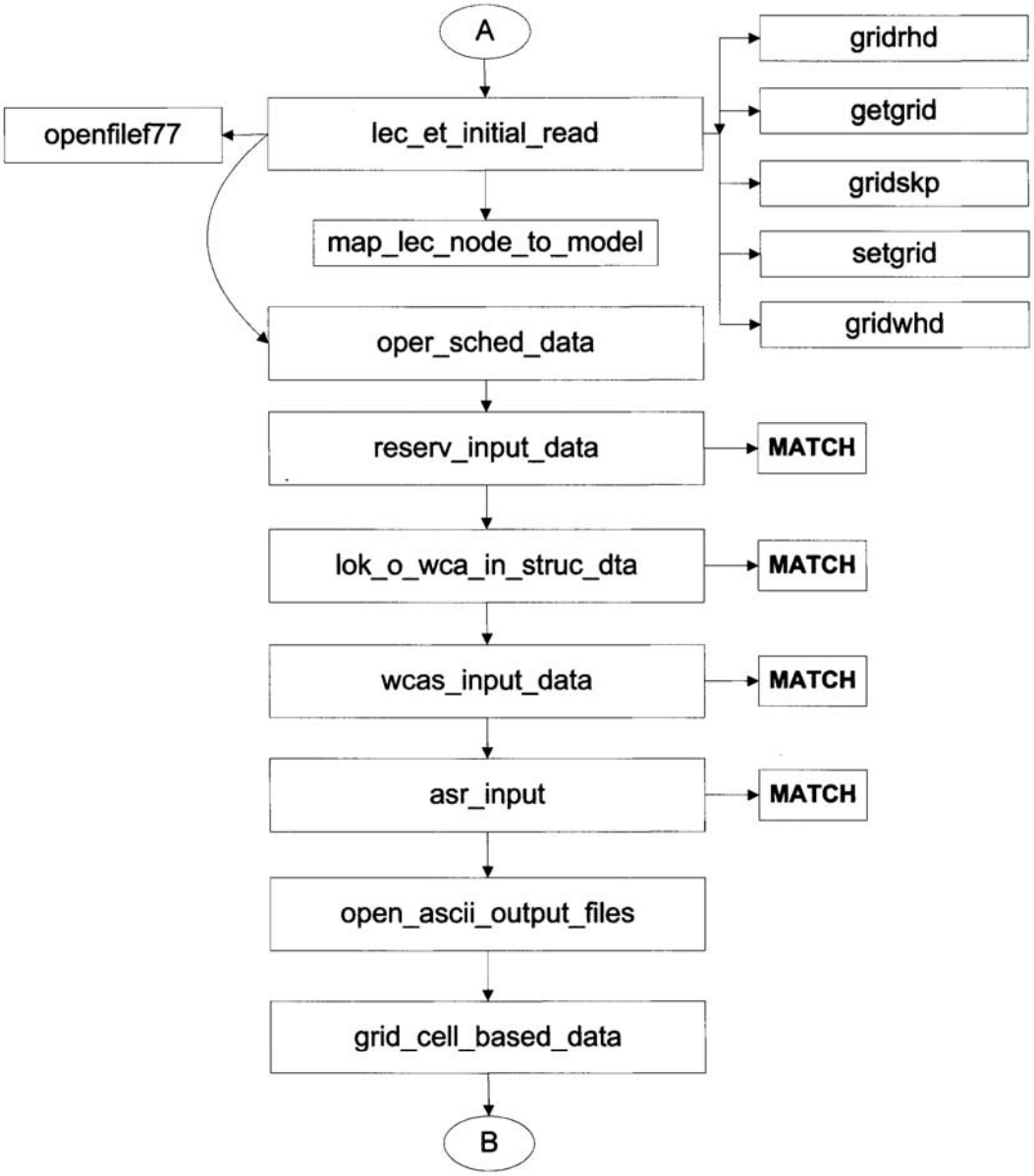
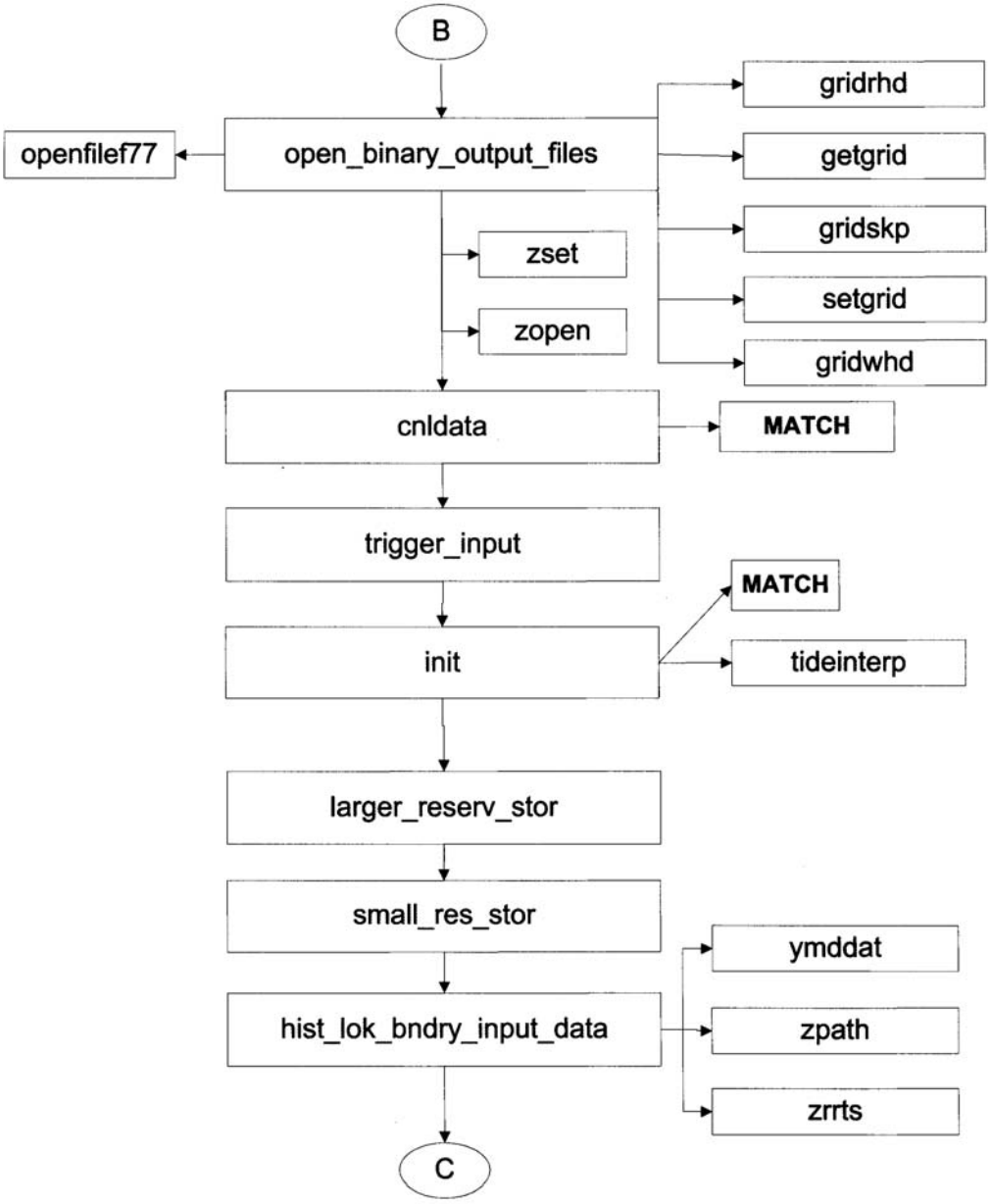
APPENDIX H

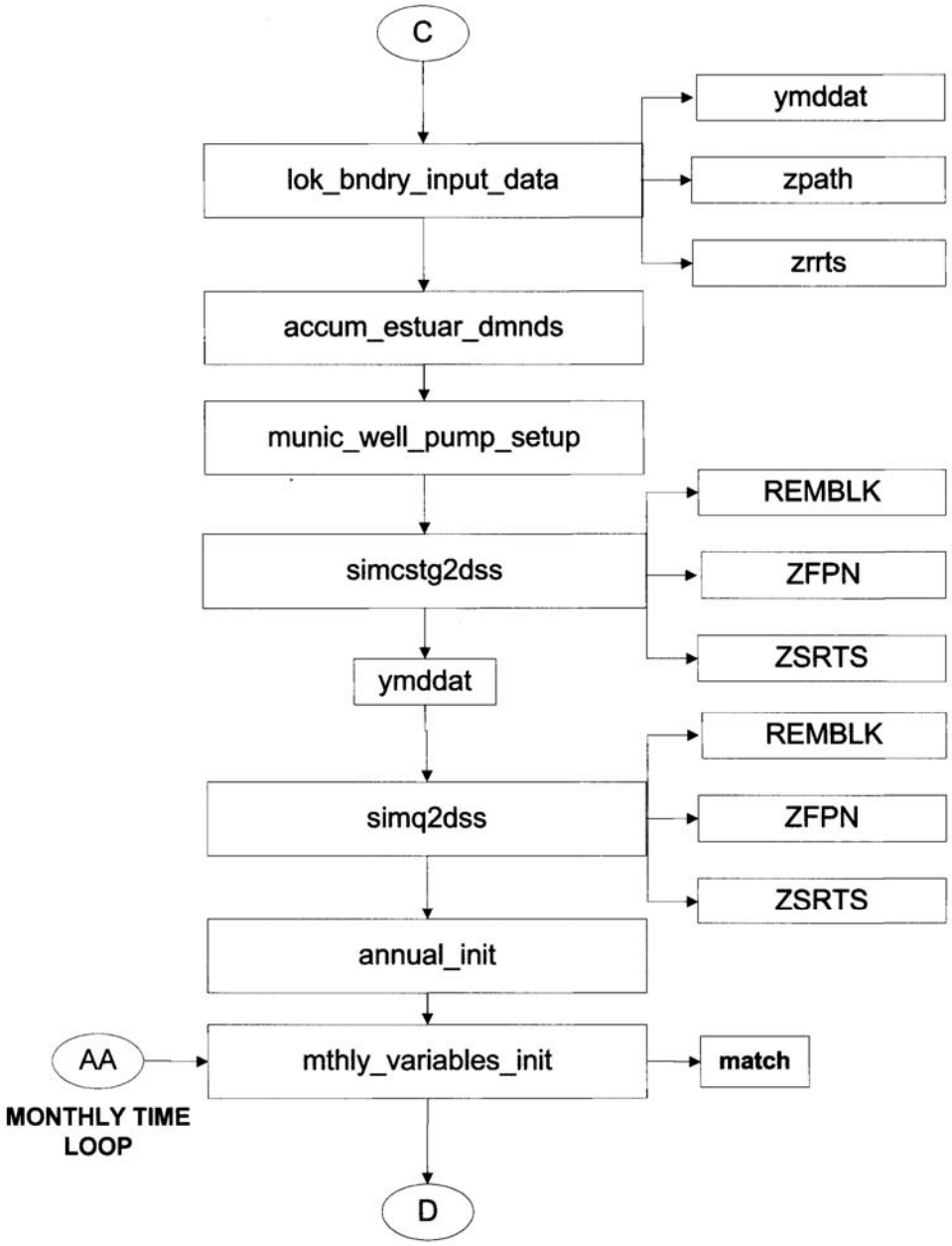
CALL TREE FLOW CHART FOR THE SFWMM V5.5

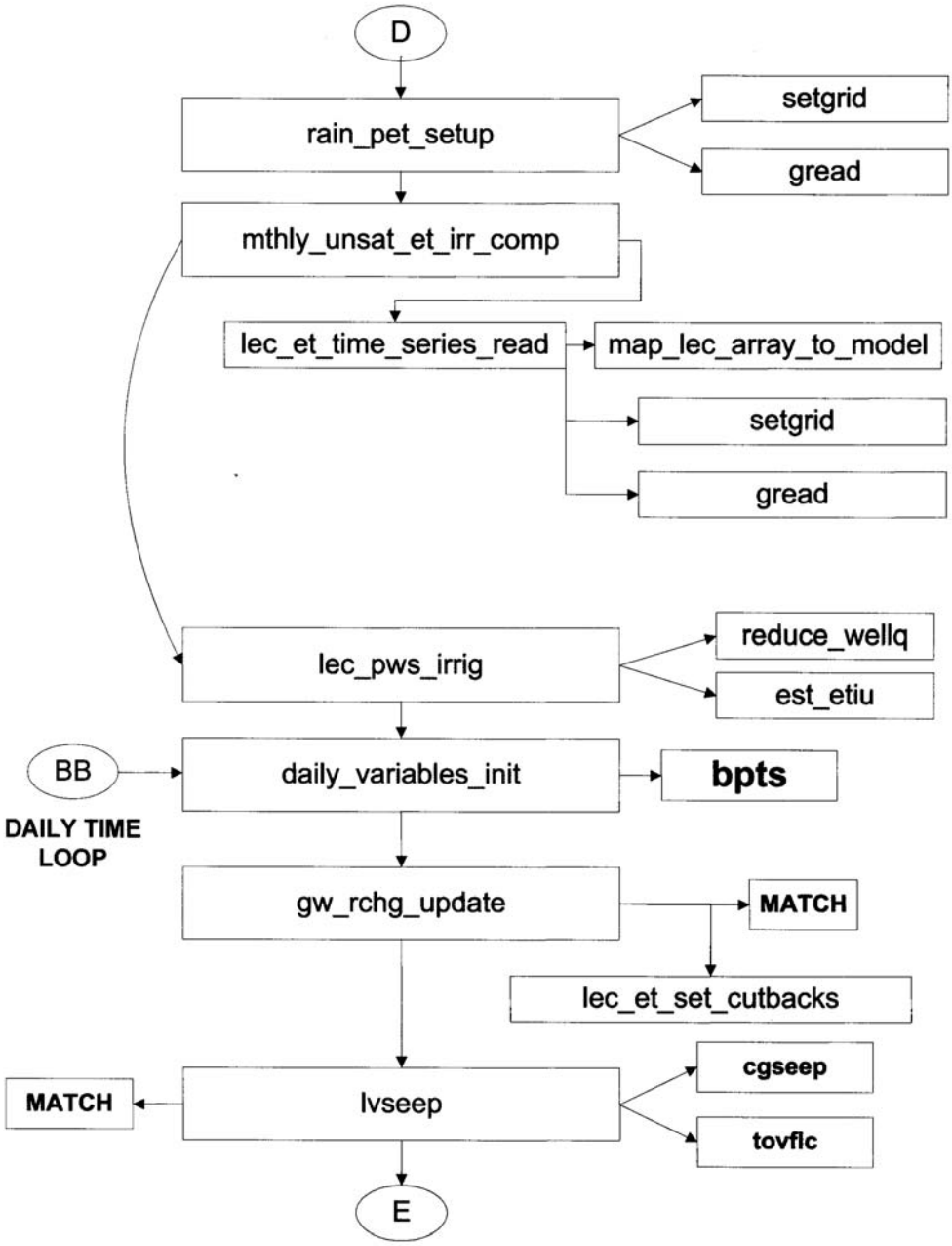
Below is the expanded call tree flow chart for SFWMM v5.5.

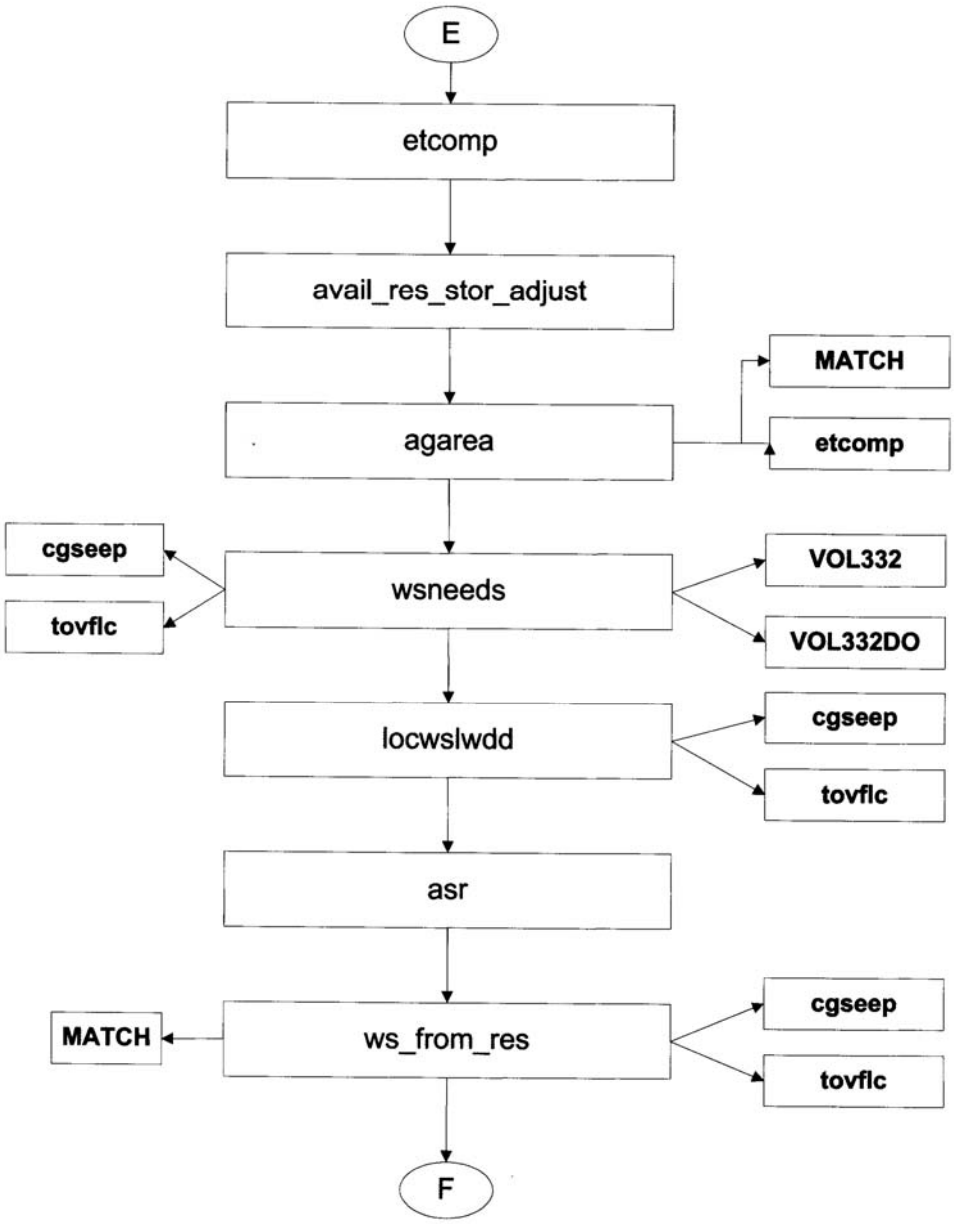


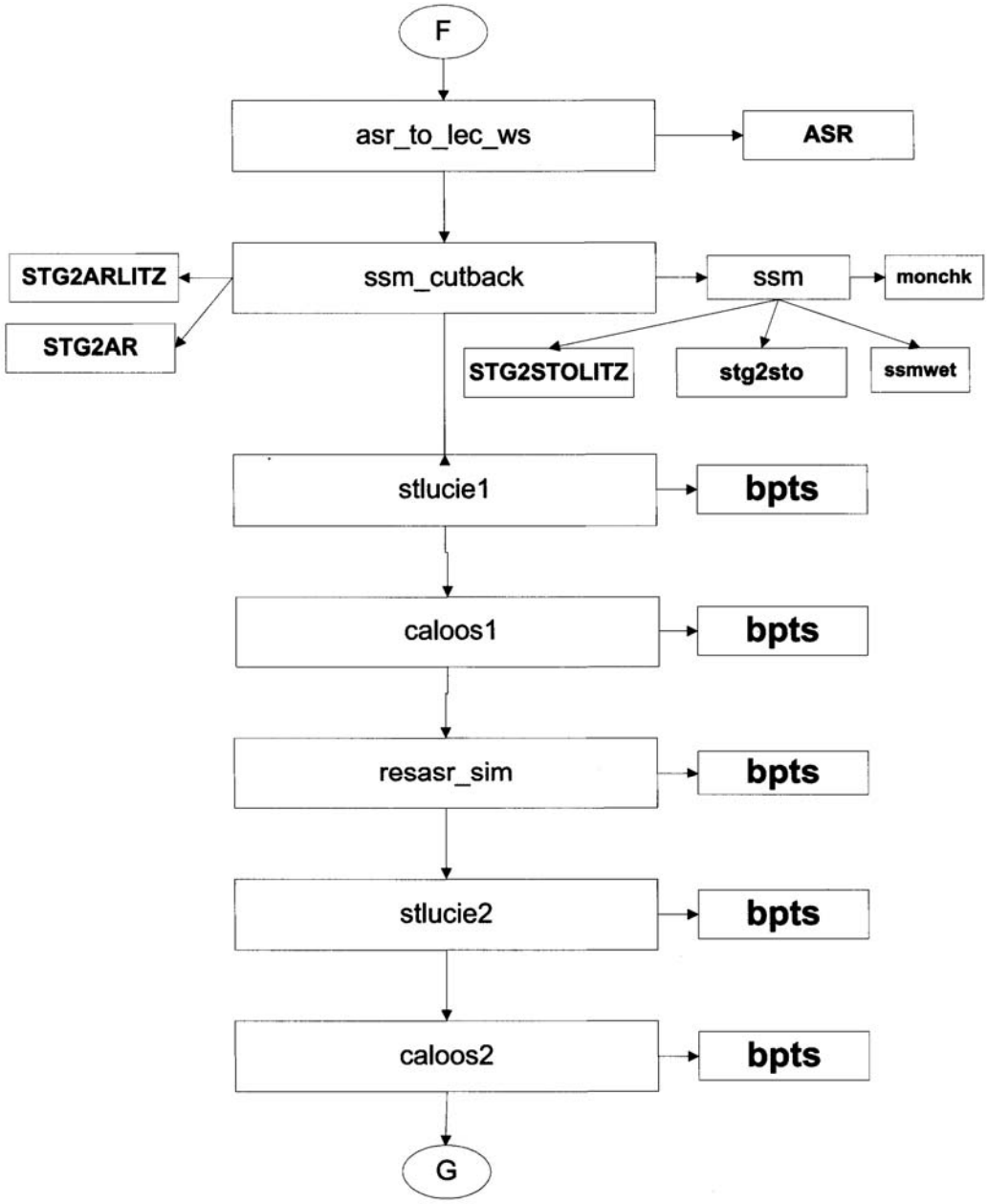

A
gridrhd
getgrid
gridskp
setgrid
gridwhd
openfilef77
lec_et_initial_read
map_lec_node_to_model
oper_sched_data
reserv_input_data
MATCH
lok_o_wca_in_struc_dta
MATCH
wcas_input_data
MATCH
asr_input
MATCH
open_ascii_output_files
grid_cell_based_data
B

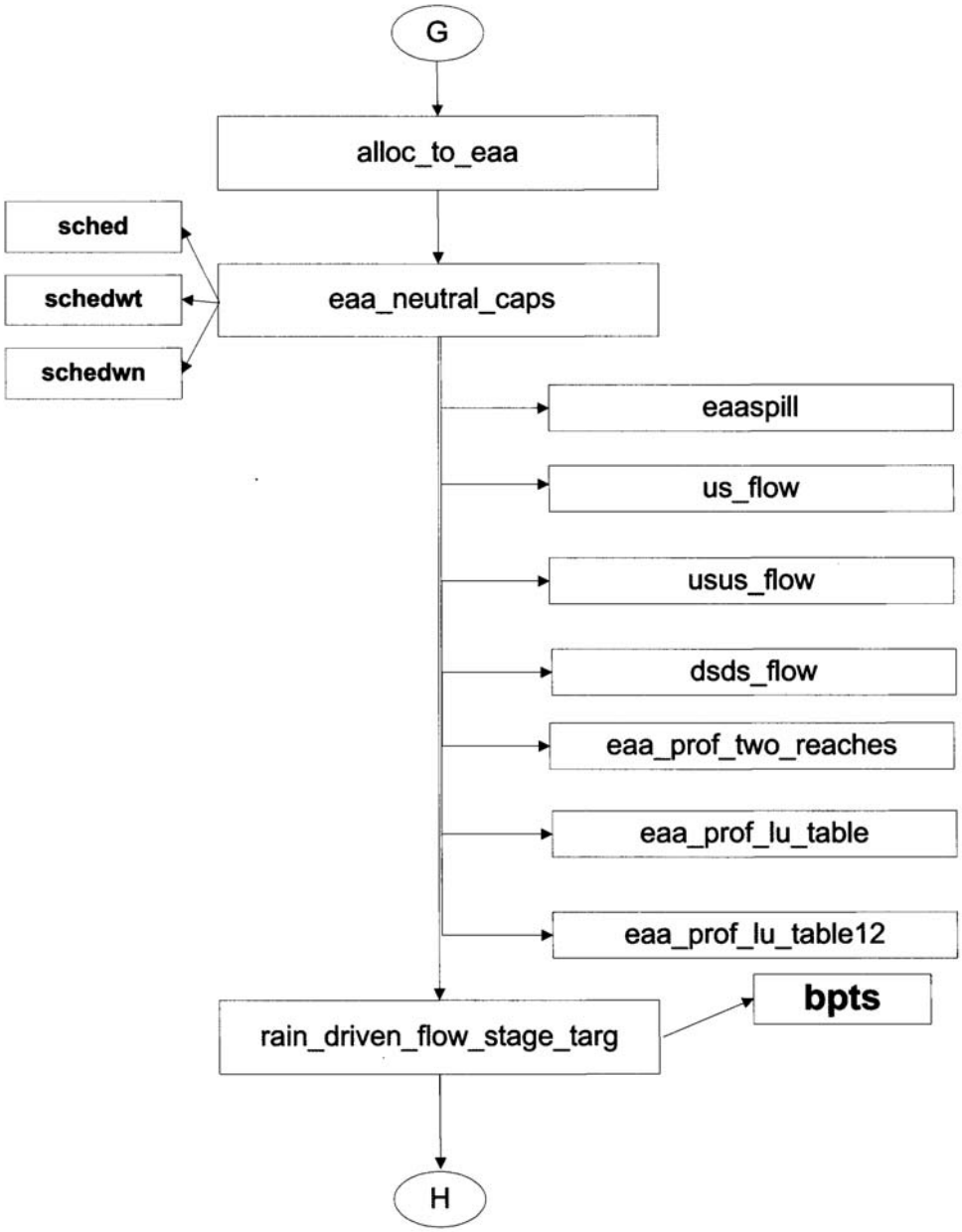

B
gridrhd
openfilef77
open_binary_output_files
getgrid
gridskp
zset
setgrid
zopen
gridwhd
cnldata
MATCH
trigger_input
MATCH
init
tideinterp
larger_reserv_stor
small_res_stor
ymddat
hist_lok_bndry_input_data
zpath
zrrts
C

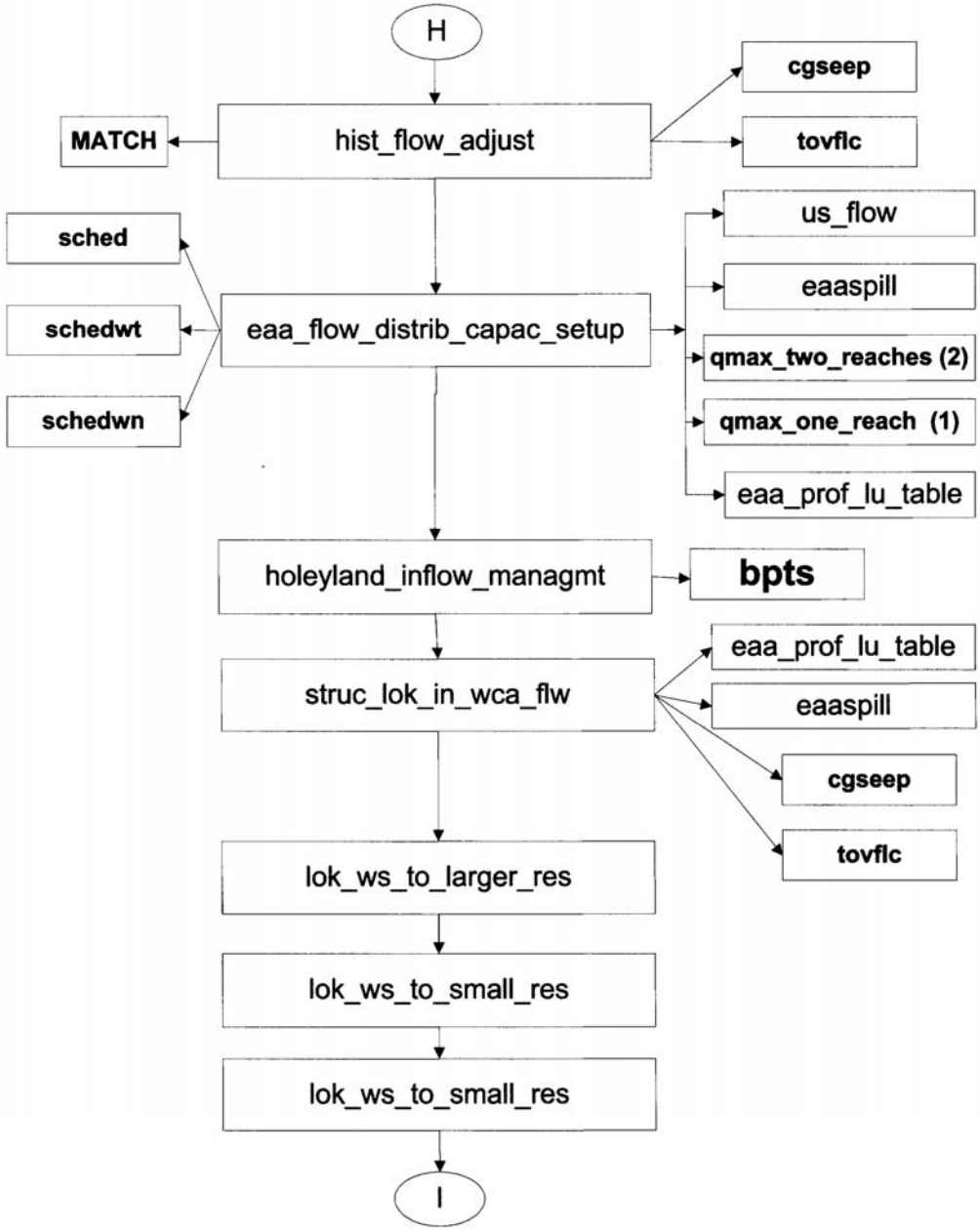

C
ymddat
lok_bndry_input_data
zpath
zrrts
accum_estuar_dmnds
munic_well_pump_setup
REMBLK
simcstg2dss
ZFPN
ZSRTS
ymddat
REMBLK
simq2dss
ZFPN
ZSRTS
annual_init
AA
mthly_variables_init
match
MONTHLY TIME LOOP
D

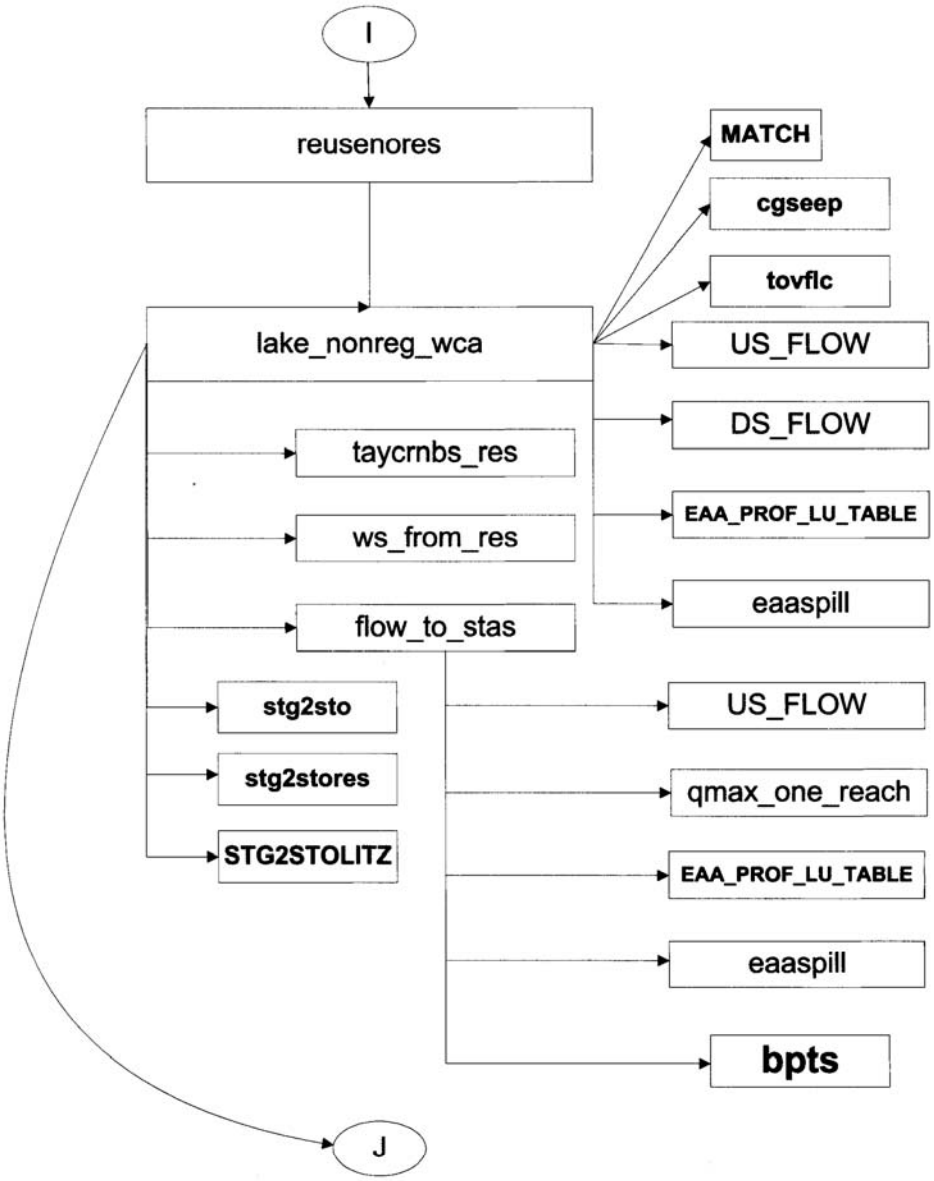

D
rain_pet_setup
setgrid
gread
mthly_unsat_et_irr_comp
lec_et_time_series_read
map_lec_array_to_model
setgrid
gread
lec_pws_irrig
reduce_wellq
est_etiu
BB
daily_variables_init
bpts
DAILY TIME LOOP
gw_rchg_update
MATCH
lec_et_set_cutbacks
MATCH
lvseep
cgseep
tovflc
E

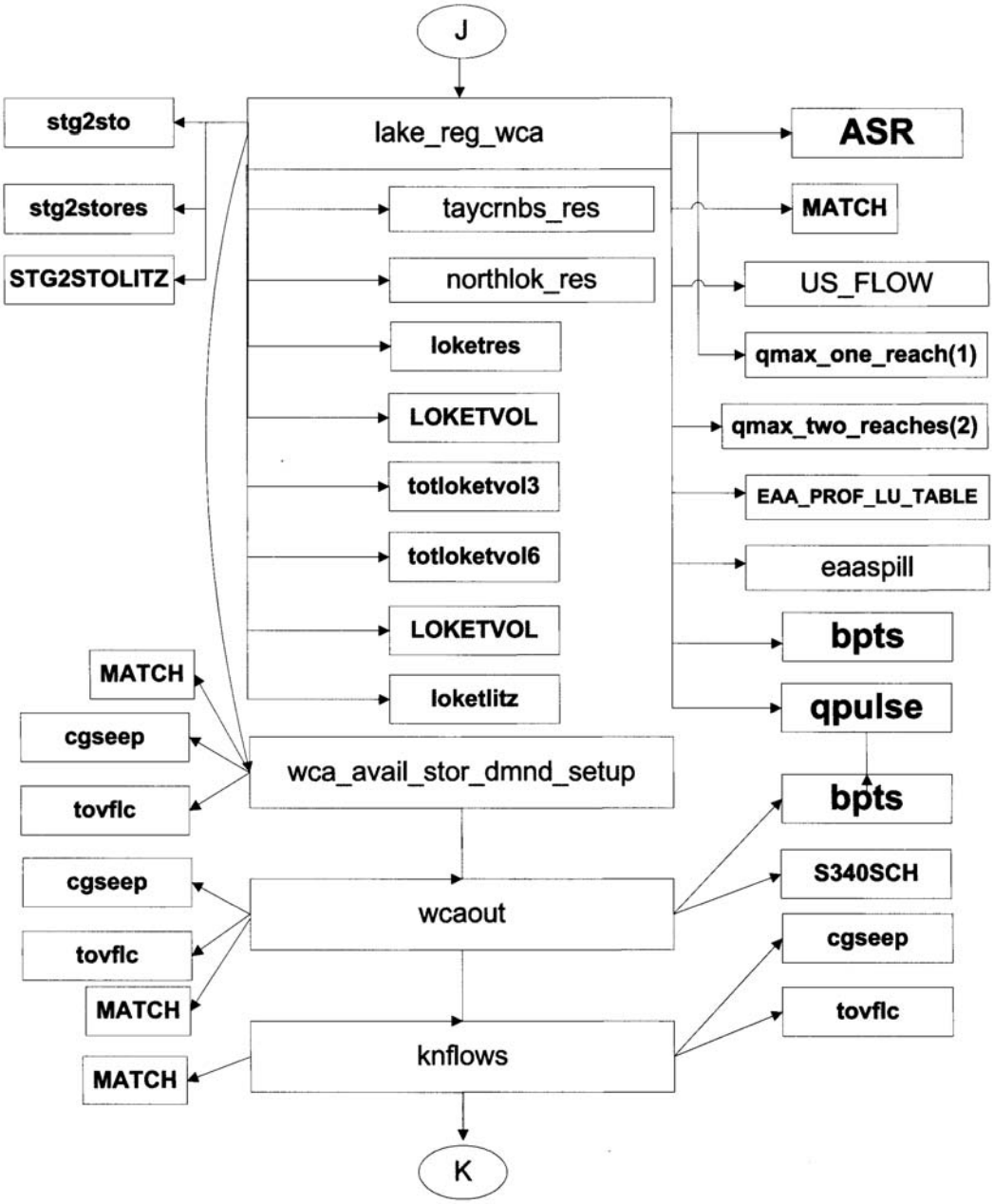

E
etcomp
avail_res_stor_adjust
MATCH
agarea
etcomp
cgseep
wsneeds
VOL332
tovflc
VOL332DO
locwslwdd
cgseep
tovflc
asr
cgseep
MATCH
ws_from_res
tovflc
F

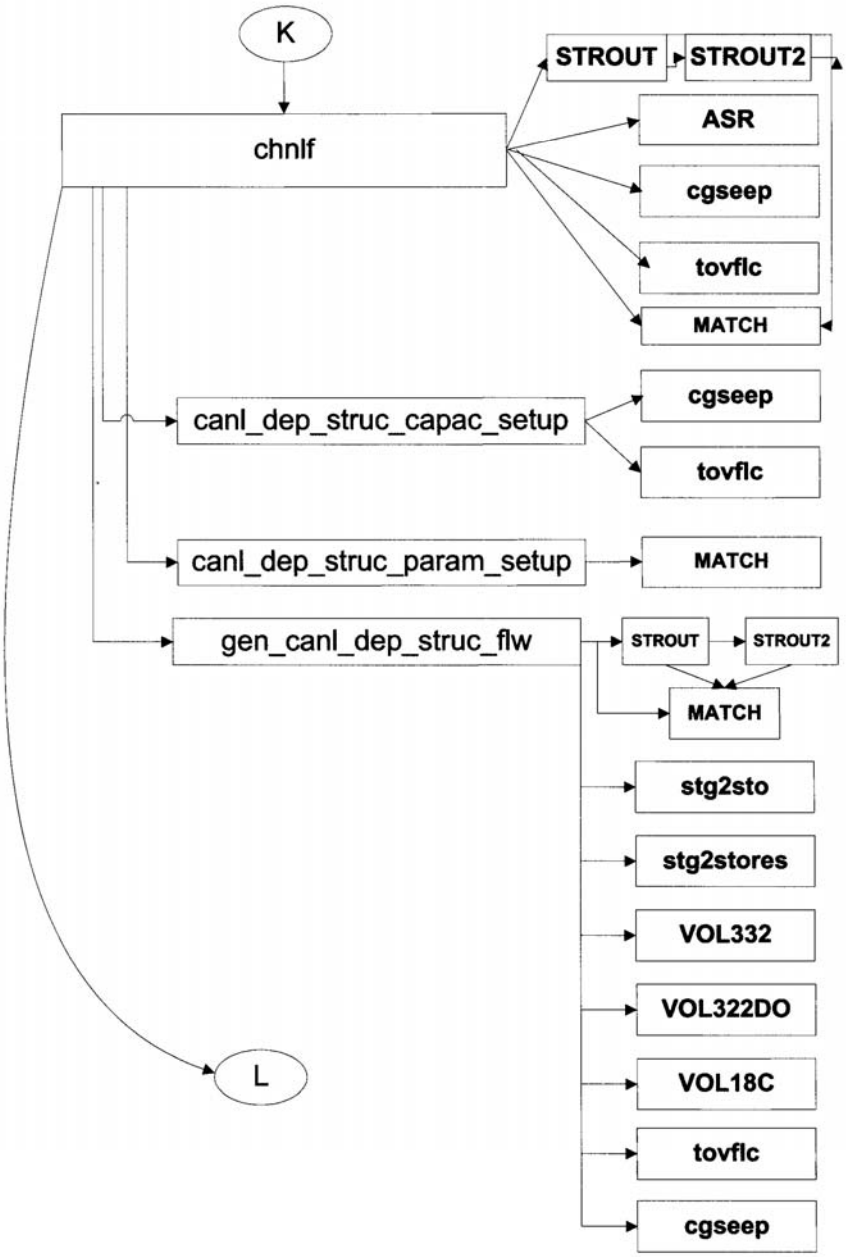

F
asr_to_lec_ws
ASR
STG2ARLITZ
ssm_cutback
ssm
monchk
STG2AR
STG2STOLITZ
stg2sto
ssmwet
stlucie1
bpts
caloos1
bpts
resasr_sim
bpts
stlucie2
bpts
caloos2
bpts
G

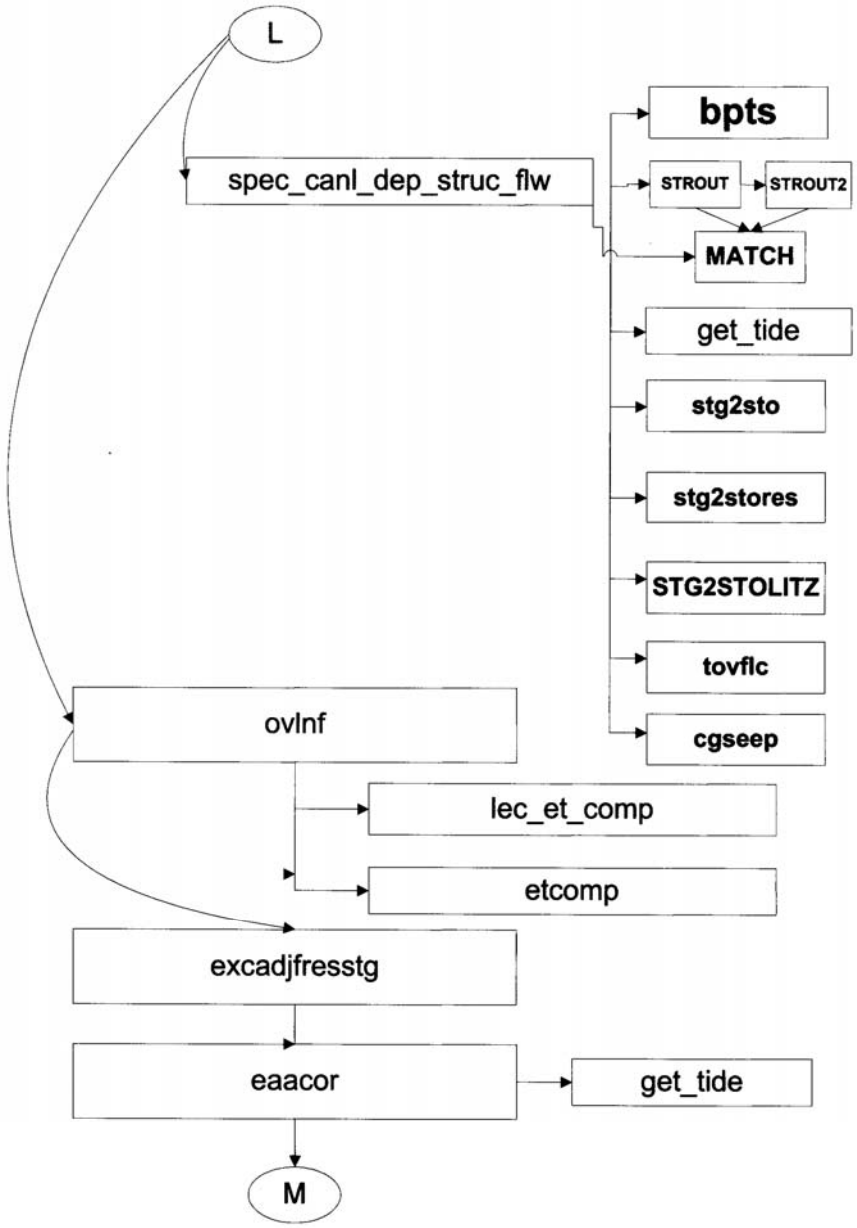

G
alloc_to_eaa
sched
schedwt
schedwn
eaa_neutral_caps
eaaspill
us_flow
usus_flow
dsds_flow
eaa_prof_two_reaches
eaa_prof_lu_table
eaa_prof_lu_table12
bpts
rain_driven_flow_stage_targ
H

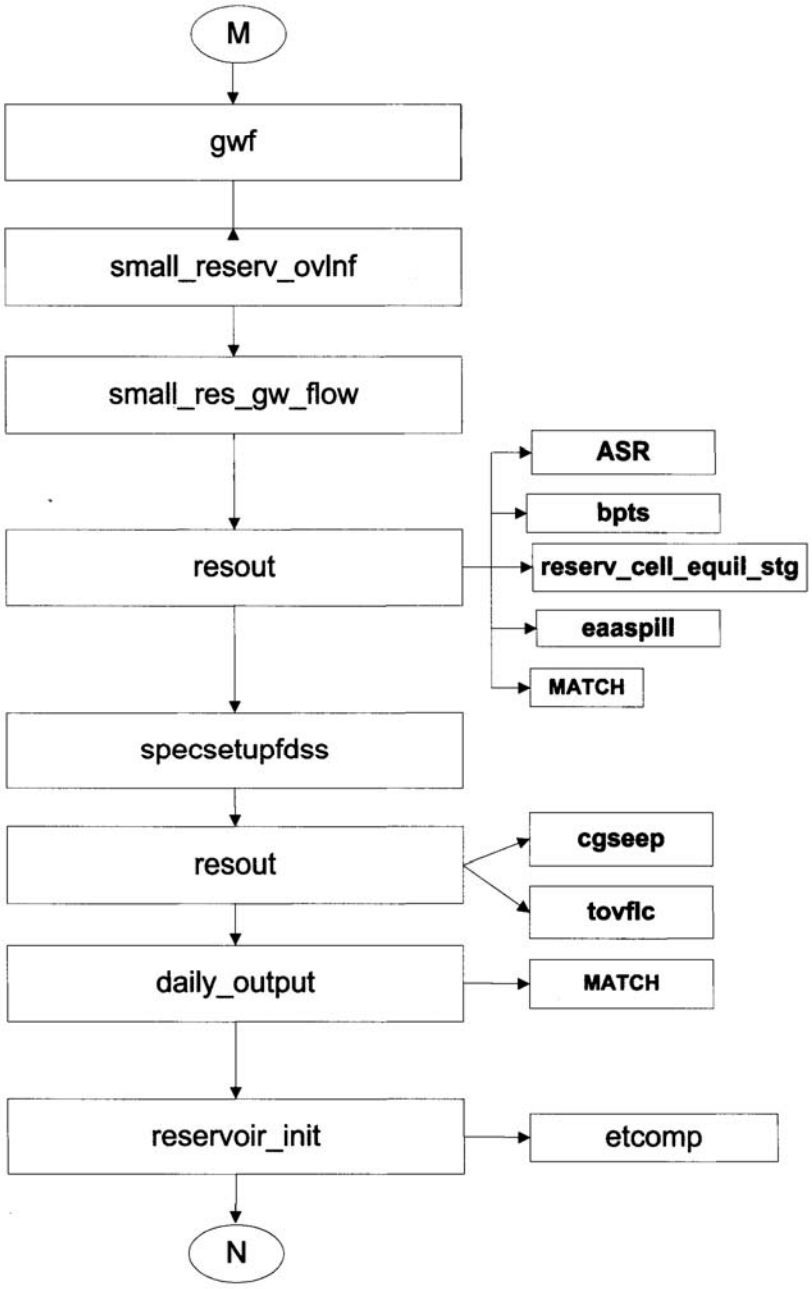

H
hist_flow_adjust
MATCH
cgseep
tovflc
sched
schedwt
schedwn
eaa_flow_distrib_capac_setup
us_flow
eaaspill
qmax_two_reaches (2)
qmax_one_reach (1)
eaa_prof_lu_table
holeyland_inflow_managmt
bpts
struc_lok_in_wca_flw
eaa_prof_lu_table
eaaspill
cgseep
tovflc
lok_ws_to_larger_res
lok_ws_to_small_res
lok_ws_to_small_res
I

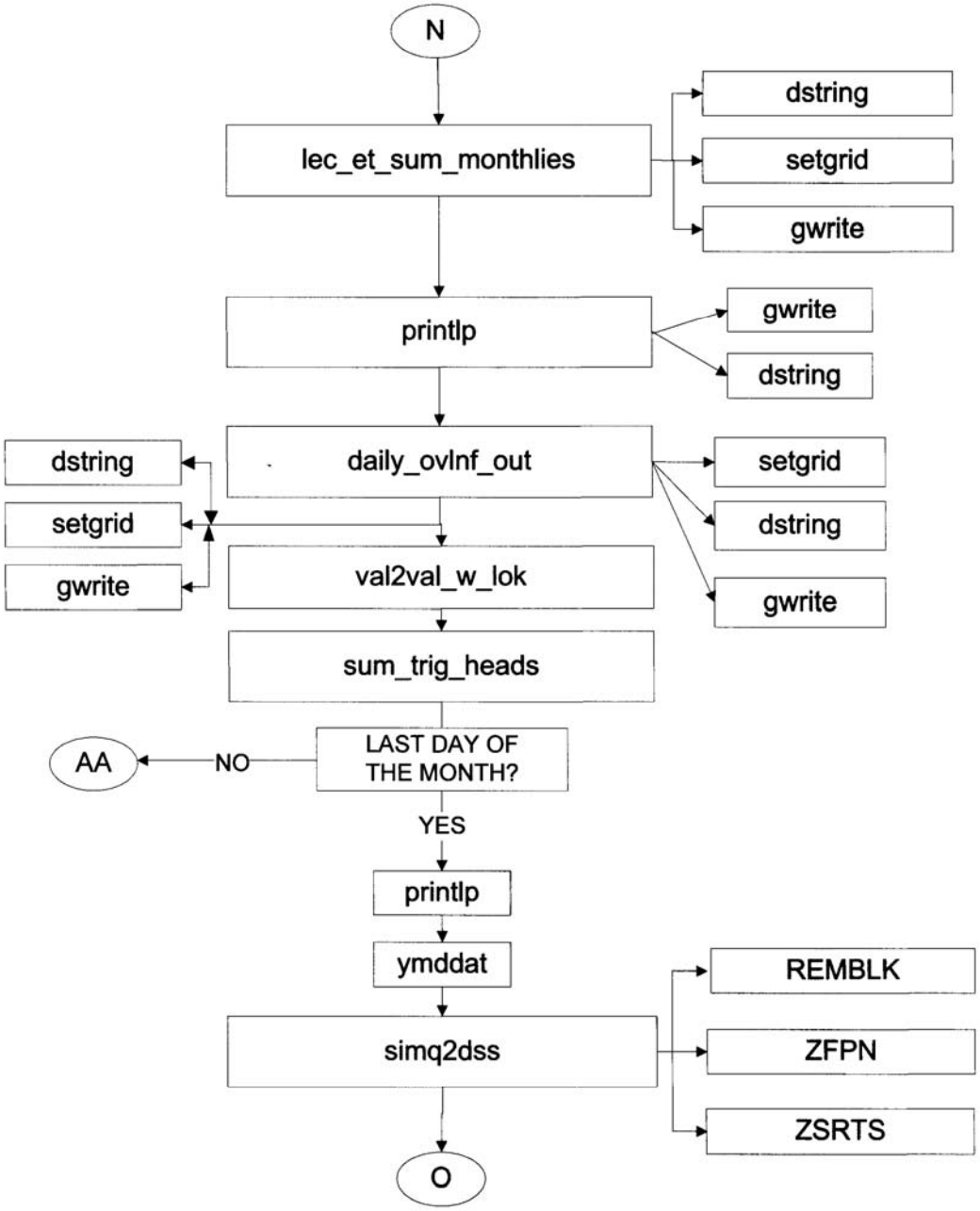

I
reusenores
lake_nonreg_wca
taycrnbs_res
ws_from_res
flow_to_stas
stg2sto
stg2stores
STG2STOLITZ
MATCH
cgseep
tovflc
US_FLOW
DS_FLOW
EAA_PROF_LU_TABLE
eaaspill
US_FLOW
qmax_one_reach
EAA_PROF_LU_TABLE
eaaspill
bpts
J

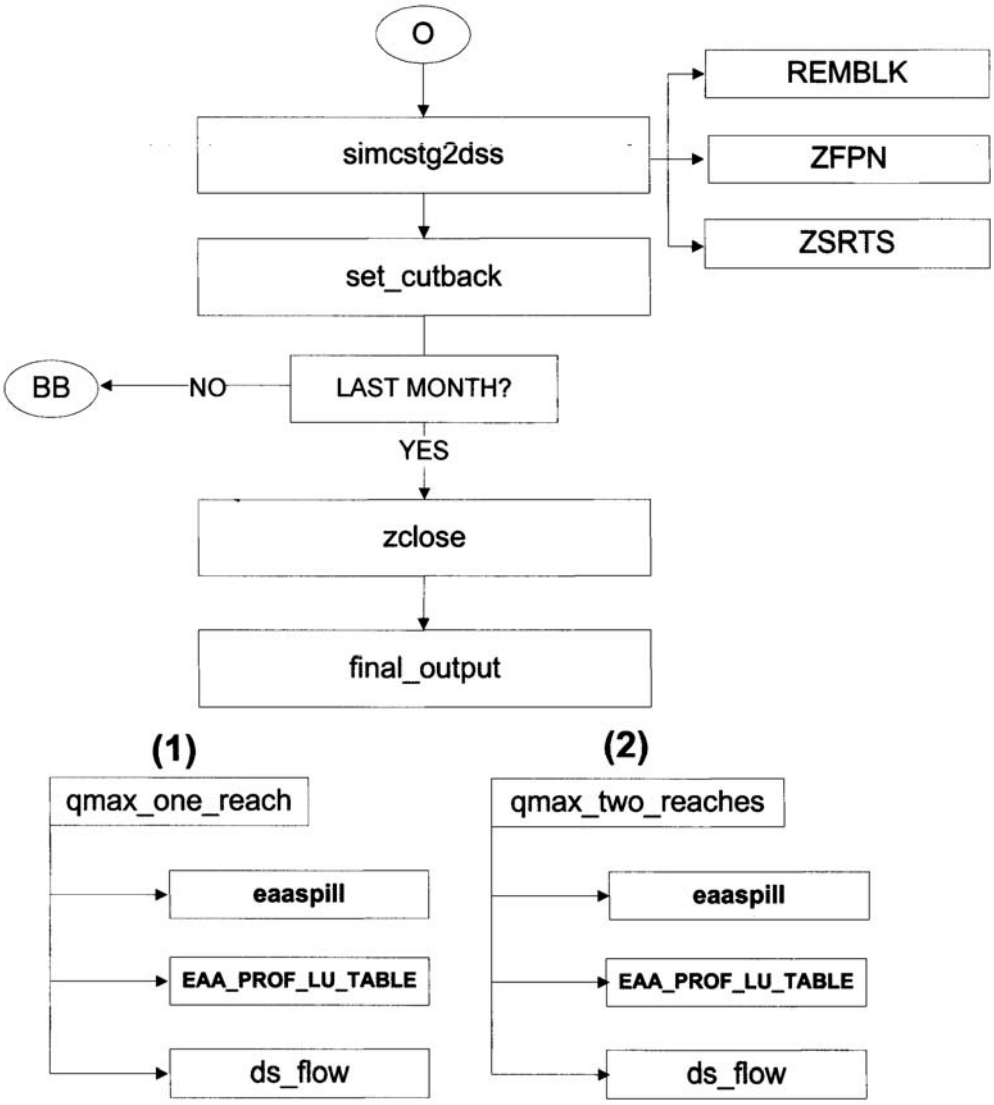

J
lake_reg_wca
stg2sto
stg2stores
STG2STOLITZ
taycrnbs_res
northlok_res
loketres
LOKETVOL
totloketvol3
totloketvol6
LOKETVOL
loketlitz
ASR
MATCH
US_FLOW
qmax_one_reach(1)
qmax_two_reaches(2)
EAA_PROF_LU_TABLE
eaaspill
bpts
qpulse
MATCH
cgseep
tovflc
wca_avail_stor_dmnd_setup
bpts
cgseep
tovflc
MATCH
wcaout
S340SCH
cgseep
tovflc
MATCH
knflows
K


K
chnlf
STROUT
STROUT2
ASR
cgseep
tovflc
MATCH
canl_dep_struc_capac_setup
cgseep
tovflc
canl_dep_struc_param_setup
MATCH
gen_canl_dep_struc_flw
STROUT
STROUT2
MATCH
stg2sto
stg2stores
VOL332
VOL322DO
VOL18C
tovflc
cgseep
L


L
spec_canl_dep_struc_flw
bpts
STROUT
STROUT2
MATCH
get_tide
stg2sto
stg2stores
STG2STOLITZ
tovflc
cgseep
ovlnf
lec_et_comp
etcomp
excadjfresstg
eaacor
get_tide
M


M
gwf
small_reserv_ovlnf
small_res_gw_flow
resout
ASR
bpts
reserv_cell_equil_stg
eaaspill
MATCH
specsetupfdss
resout
cgseep
tovflc
daily_output
MATCH
reservoir_init
etcomp
N


N
lec_et_sum_monthlies
dstring
setgrid
gwrite
printlp
gwrite
dstring
daily_ovlnf_out
setgrid
dstring
gwrite
dstring
setgrid
gwrite
val2val_w_lok
sum_trig_heads
LAST DAY OF THE MONTH?
NO
AA
YES
printlp
ymddat
simq2dss
REMBLK
ZFPN
ZSRTS
O


O
simcstg2dss
REMBLK
ZFPN
ZSRTS
set_cutback
BB
NO
LAST MONTH?
YES
zclose
final_output
(1)
qmax_one_reach
eaaspill
EAA_PROF_LU_TABLE
ds_flow
(2)
qmax_two_reaches
eaaspill
EAA_PROF_LU_TABLE
ds_flow