THE WASP EXTERNAL NONPOINT SOURCE FILE

When LOPT is set to 1 in WASP5, or when the NPS option is checked in WASP6+, external nonpoint sources will be read from a formatted ASCII file chosen by the user. This file contains information on which WASP systems and segments receive nonpoint source loads, and a record of the nonzero loads by system, segment, and day.

Six records comprise the nonpoint source file.

Record 1--Data Options (A15, 3I5)

 1-15: NPSMOD   Name or description of nonpoint source model or method of generation; this is echoed to the output file for the record. (A15)

16-20 NUMSEG   Number of segments receiving nonpoint source loads. (I5)

21-25 INTOPT   Interpolation option; 1 = step function (only one in code now). (I5)

26-30 NUMSYS   Number of WASP systems receiving nonpoint source loads. (I5)

Record 2--Loading Segments (I5

 1- 5   LSEG(I)   segment number receiving loads. (I5)

Record 2 is repeated NUMSEG times.

Record 3--Loading Systems (200I5)

 1- 5   LSYS(1)   WASP system numbers receiving loads.(I5)
 6-10
11-15
...

Record 4--System Descriptors (A15)

 1-15   NAMESY(I)   Name or description of WASP systems receiving loads. (A15)

Record 4 is repeated NUMSYS times.

Records 5 and 6 are repeated as a unit for the number of days that nonzero loads occur:

Record 5--Loading Days (F10.0)

 1-10   LDAY   Time in days for the following nonzero load. (F10.0)

For WASP5:

Record 6--Nonpoint Source Loads (A15, 20F10.0)

 1-15 NAMESY(I)   System name or description (not read in by WASP). (A15)

16-25 NPSWK(I,1)   Nonpoint source loads for WASP system "I" at
26-35 NPSWK(I,2)   all loading segments "J", in the order
36-45 NPSWK(I,3)   presented in Record 2. Loads are in kg/day.
46-55 NPSWK(I,4)   (20F10.0)
...   NPSWK(I,J)

For WASP6+:

Record 6--Nonpoint Source Loads (200F10.0)

 1-10 NPSWK(I,1)   Nonpoint source loads for WASP system "I" at
11-20 NPSWK(I,2)   all loading segments "J", in the order
21-30 NPSWK(I,3)   presented in Record 2. Loads are in kg/day.
31-40 NPSWK(I,4)   (200F10.0)
...   NPSWK(I,J)

Record 6 is repeated NUMSYS times.

        Record 1 is input once. Record 2 is repeated NUMSEG times. Record 3 is then input once. Record 4 is repeated NUMSYS times. Records 5 and 6 are a set and are repeated (as a set) for the number of days that nonzero loads occur. Within each set, Record 5 is entered once and Record 6 is repeated NUMSYS times.