

## **Example of read in FORTRAN:**

DO k = 1, TIME_FINISH READ(1,*) TIME READ(1,*) ! East side READ(1,119) (U_EAST(I), I=1, N_EAST) READ(1,119) ! (V_EAST(I), I=1, N_EAST) READ(1,119) ! (ETA_EAST(I), I=1, N_EAST) READ(1,119) (U_WEST(I), I=1, N_WEST) READ(1,119) ! (V_WEST(I), I=1, N_WEST) READ(1,119) ! (ETA_WEST(I), I=1, N_WEST) READ(1,119) ! (ETA_WEST(I), I=1, N_WEST) READ(1,119) ! (ETA_WEST(I), I=1, N_SOUTH) READ(1,119) ! (U_SOUTH(I), I=1, N_SOUTH) READ(1,119) ! (V_SOUTH(I), I=1, N_SOUTH) READ(1,119) ! (ETA_SOUTH(I), I=1, N_SOUTH) READ(1,119) ! (V_NORTH(I), I=1, N_NORTH) READ(1,119) ! (V_NORTH(I), I=1, N_NORTH) READ(1,119) ! (ETA_NORTH(I), I=1, N_NORTH)	After reading the header
READ(1,119) (U_NORTH(I), I=1, N_NORTH) READ(1,119) ! (V_NORTH(I), I=1, N_NORTH) READ(1,119) ! (ETA_NORTH(I), I=1, N_NORTH) ENDDO	DO k = 1, TIME_FINISH READ(1,*) TIME READ(1,*) ! East side READ(1,119) (U_EAST(I), I=1, N_EAST) READ(1,119) ! (V_EAST(I), I=1, N_EAST) READ(1,119) ! (ETA_EAST(I), I=1, N_EAST) READ(1,*) ! West side READ(1,119) (U_WEST(I), I=1, N_WEST) READ(1,119) ! (V_WEST(I), I=1, N_WEST) READ(1,119) ! (ETA_WEST(I), I=1, N_WEST) READ(1,119) ! (ETA_WEST(I), I=1, N_WEST) READ(1,119) ! (U_SOUTH(I), I=1, N_SOUTH) READ(1,119) ! (V_SOUTH(I), I=1, N_SOUTH) READ(1,119) ! (ETA_SOUTH(I), I=1, N_SOUTH)
READ(1,119) (U_NORTH(I), I=1, N_NORTH) READ(1,119) ! (V_NORTH(I), I=1, N_NORTH) READ(1,119) ! (ETA_NORTH(I), I=1, N_NORTH) ENDDO	READ(1,119) ! (ETA_SOUTH(I), I=1, N_SOUTH)
READ(1,119) ! (V_NORTH(I), I=1, N_NORTH) READ(1,119) ! (ETA_NORTH(I), I=1, N_NORTH) ENDDO	READ(1,119) ! (ETA_SOUTH(I), I=1, N_SOUTH) READ(1,*) ! North side
	READ(1,119) ! (ETA_NORTH(I), I=1, N_NORTH) ENDDO

Where N\_EAST = 361 N\_WEST = 361 N\_SOUTH= 501 N\_NORTH= 501