FORM TO SPECIFY INPUT DATA FOR
WIND/CURRENT MODEL VTANH[1]

   This model represents the wind/current speed and direction profiles each by a sequence of linear segments that are smoothly joined by hyperbolic functions. This model uses a general subroutine FTANH to calculate the hyperbolic function profiles. The description of the hyperbolic function profiling is given on the input parameter form for model TTANH5.

Specify–
the model check for VTANH = ————————————10.0————————————(w100)
the input data-format code = ———————————————————————————(w101)
an input data-set identification number = ——————————————————————(w102)
an 80-character description of the model with parameters:

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and the profile values:
the number of points in the profile -2 = n = —————————————————————
the profile:

| | ———— wind/current speed ————- | | | —— direction[2](clockwise from north) —— | | |
| i | z_i | V_i | δ_i | z_i | α_i | δ_i |
	(km,m)	(km/s)	(km,m)	(km,m)	(rad,deg)	(km,m)

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[1]OTHER MODELS REQUIRED: Any velocity-perturbation model. Use NPCURR if no perturbations are desired. SUBROUTINE FTANH, and FUNCTION ALCOSH.
   [2]from which the wind is blowing