TELEMAC MODELLING SYSTEM

TOMAWAC Software

Release 7.0

REFERENCE MANUAL

DECEMBRE 2014

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Typing conventions used in this manual

Keywords are written in *UPPER CASE ITALICS.*

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# detailed lIST OF KEYWORDS

***2D RESULTS FILE***

French translation: FICHIER DES RESULTATS 2D

Type: CHARACTER

Fortran variable: WAC\_FILES(WACRES)%NAME

Default value: 'resu2d

Function: Name of the file into which the results of the two-dimensional computation will be written.

Related keywords:

*2D RESULTS FILE BINARY*

*VARIABLES FOR 2D GRAPHIC PRINTOUTS*

*PERIOD FOR GRAPHIC PRINTOUTS*

*NUMBER OF FIRST ITERATION FOR GRAPHIC PRINTOUTS*

***2D RESULTS FILE BINARY***

French translation: BINAIRE DU FICHIER DES RESULTATS 2D

Type: CHARACTER

Fortran variable: BINRES

Default value: 'STD

Function: Type of the binary used for writing the 2D results file. That type depends on the machine in which the file was generated. The possible values are as follows:

IBM; for a file created in an IBM machine;

I3E; for a file created in a HP machine;

STD; normal READ and WRITE instructions are then generated.

Related keyword:

*2D RESULTS FILE*

***ABSCISSAE OF SPECTRUM PRINTOUT POINTS***

French translation: ABSCISSES DES POINTS DE SORTIE DU SPECTRE

Type: REAL

Fortran variable: XLEO

Default value: (0.;0.; … ;0)

Function: Array providing the abscissae of the Seraphin spectrum printout points with a maximum dimension of 99. The chosen spectrum points are the closest 2D points to the specified co-ordinates.

Related keywords:

*ORDINATES OF SPECTRUM PRINTOUT POINTS*

*PUNCTUAL RESULTS FILE*

***AIR DENSITY***

French translation: DENSITE DE L''AIR

Type: REAL

Fortran variable: ROAIR

Default value: 1.225

Function: The ratio ROAIR/ROEAU is used in the wind generation source term.

Related keywords:

*WIND GENERATION*

*WATER DENSITY*

***BINARY CURRENTS FILE***

French translation: FICHIER DES COURANTS BINAIRE

Type: CHARACTER

Fortran variable: WAC\_FILES(WACCOB)%NAME

Default value:

Function: Name of the current data file (if binary).

Related keywords:

*CONSIDERATION OF A STATIONARY CURRENT*

*CONSIDERATION OF TIDE*

*FORMATTED CURRENTS FILE*

*CURRENTS FILE FORMAT*

***BINARY DATA FILE 1 FORMAT***

French translation: FORMAT DU FICHIER DE DONNEES BINAIRE 1

Type: CHARACTER

Fortran variable: WAC\_FILES(WACBI1)%FMT

Default value: 'SERAFIN

Function: Previous computation results file format. Possible values are:

SERAFIN: classical single precision format in Telemac;

SERAFIND: classical double precision format in Telemac;

MED: MED format based on HDF5

***BINARY FILE 1***

French translation: FICHIER BINAIRE 1

Type: CHARACTER

Fortran variable: WAC\_FILES(WACBI1)%NAME

Default value:

Function: Binary-coded data file made available to the user.

***BINARY FILE 1 BINARY***

French translation: BINAIRE DU FICHIER BINAIRE 1

Type: CHARACTER

Fortran variable: BINBI1

Default value: 'STD

Function: Type of the binary used for writing the binary file1. This type depends on the machine in which the file was generated. The possible values are the same as for the geometry file.

Related keyword:

*BINARY FILE 1*

***BINARY TIDAL WATER LEVEL FILE***

French translation: FICHIER DU NIVEAU DE LA MAREE BINAIRE

Type: CHARACTER

Fortran variable: WAC\_FILES(WACMAB)%NAME

Default value:

Function: Name of the water level data file (if binary).

Related keywords:

*CONSIDERATION OF TIDE*

*FORMATTED TIDAL WATER LEVEL FILE*

*TIDAL WATER LEVEL FILE FORMAT*

*TIDE REFRESHING PERIOD*

*TIDAL WATER LEVEL FILE BINARY*

***BINARY WINDS FILE***

French translation: FICHIER DES VENTS BINAIRE

Type: CHARACTER

Fortran variable: WAC\_FILES(WACVEB)%NAME

Default value:

Function: Name of wind data file (if binary).

Related keywords:

*CONSIDERATION OF WIND*

*FORMATTED WINDS FILE*

*WINDS FILE FORMAT*

***BOTTOM FRICTION COEFFICIENT***

French translation: COEFFICIENT DE FROTTEMENT SUR LE FOND

Type: REAL

Fortran variable: CFROT1

Default value: 0.038

Function: Bottom friction coefficient.

Related keywords:

*INFINITE DEPTH*

*BOTTOM FRICTION-INDUCED DISSIPATION*

***BOTTOM FRICTION DISSIPATION***

French translation: DISSIPATION PAR FROTTEMENT SUR LE FOND

Type: INTEGER

Fortran variable: SFROT

Default value: 0

Function: Selection of the modelling type of the bottom friction source term. If its value is 0, the bottom friction dissipation is ignored; if its value is 1, it is integrated in accordance with a formula that is similar to that of WAM cycle 4.

Related keywords:

*INFINITE DEPTH*

*BOTTOM FRICTION COEFFICIENT*

***BOTTOM SMOOTHINGS***

French translation: LISSAGES DU FOND

Type: INTEGER

Fortran variable: LISFON

Default value: 0

Function: Number of smoothings made on bottom features. Each smoothing, being made by means of a mass matrix, is conservative. To be used when the bathymetric data yield too irregular data after interpolation. Also refer to the CORFON subroutine.

***BOTTOM TOPOGRAPHY FILE***

French translation: FICHIER DES FONDS

Type: CHARACTER

Fortran variable: WAC\_FILES(WACFON)%NAME

Default value:

Function: Name of any file containing the bathymetric data associated to the SINUSX-formatted grid. It this keyword is used, these bathymetric data shall be used for the computation.

***BOUNDARY ANGULAR DISTRIBUTION FUNCTION***

French translation: FONCTION DE REPARTITION ANGULAIRE AUX LIMITES

Type: INTEGER

Fortran variable: FRABL

Default value: 1

Function: It is part of the set of constants used for computing the boundary directional spectrum. Allow the computation of the angular distribution function

1: modele en cos^2s(T-T0) ; T dans [T0-pi/2;T0+pi/2]

2: modele en exp(-0.5((T-T0)/s)^2) ; T dans [T0-pi/2;T0+pi/2]

3: modele en cos^2s((T-T0)/2) (de type Mitsuyasu)

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY CONDITIONS FILE***

French translation: FICHIER DES CONDITIONS AUX LIMITES

Type: CHARACTER

Fortran variable: WAC\_FILES(WACCLI)%NAME

Default value: 'dynam

Function: Name of the file containing the types of boundary conditions. This file is automatically filled by the grid generator by means of colours that are assigned to the boundary nodes in the computational domain.

***BOUNDARY DIRECTIONAL SPREAD 1***

French translation: ETALEMENT DIRECTIONNEL 1 AUX LIMITES

Type: REAL

Fortran variable: SPRE1L

Default value: 2.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY DIRECTIONAL SPREAD 2***

French translation: ETALEMENT DIRECTIONNEL 2 AUX LIMITES

Type: REAL

Fortran variable: SPRE2L

Default value: 2.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY MAIN DIRECTION 1***

French translation: DIRECTION PRINCIPALE 1 AUX LIMITES

Type: REAL

Fortran variable: TETA1L

Default value: 0.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY MAIN DIRECTION 2***

French translation: DIRECTION PRINCIPALE 2 AUX LIMITES

Type: REAL

Fortran variable: TETA2L

Default value: 0.

Function: It is part of the set of constants used for computing the

boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY MAXIMUM PEAK FREQUENCY***

French translation: FREQUENCE DE PIC MAXIMALE AUX LIMITES

Type: REAL

Fortran variable: FPMAXL

Default value: 0.2

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY MEAN FETCH VALUE***

French translation: VALEUR MOYENNE DU FETCH AUX LIMITES

Type: REAL

Fortran variable: FETCHL

Default value: 30000.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY PEAK FACTOR***

French translation: FACTEUR DE PIC AUX LIMITES

Type: REAL

Fortran variable: GAMMAL

Default value: 3.3

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keyword:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY PEAK FREQUENCY***

French translation: FREQUENCE DE PIC AUX LIMITES

Type: REAL

Fortran variable: FPICL

Default value: 0.067

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY PHILLIPS CONSTANT***

French translation: CONSTANTE DE PHILLIPS AUX LIMITES

Type: REAL

Fortran variable: APHILL

Default value: 0.018

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY SIGNIFICANT WAVE HEIGHT***

French translation: HAUTEUR SIGNIFICATIVE AUX LIMITES

Type: REAL

Fortran variable: HM0L

Default value: 1.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY SPECTRUM VALUE OF SIGMA-A***

French translation: VALEUR AUX LIMITES DE SIGMA-A POUR SPECTRE

Type: REAL

Fortran variable: SIGMAL

Default value: 0.07

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY SPECTRUM VALUE OF SIGMA-B***

French translation: VALEUR AUX LIMITES DE SIGMA-B POUR SPECTRE

Type: REAL

Fortran variable: SIGMBL

Default value: 0.09

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***BOUNDARY WEIGHTING FACTOR FOR ADF***

French translation: FACTEUR DE PONDERATION POUR FRA AUX LIMITES

Type: REAL

Fortran variable: XLAMDL

Default value: 1.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***CHARNOCK CONSTANT***

French translation: CONSTANTE DE CHARNOCK

Type: REAL

Fortran variable: ALPHA

Default value: 0.01

Function: Constant used in the wind source term (WAM cycle 4 model).

Related keywords:

*WIND GENERATION*

***COEFFICIENT OF THE TIME SUB-INCREMENTS FOR BREAKING***

French translation: COEFFICIENT POUR LES SOUS-PAS DE TEMPS POUR LE DEFERLEMENT

Type: REAL

Fortran variable: XDTBRK

Default value: 1.45

Function: Geometrical ratio of the time sub-increments for the depth-induced breaking.

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*NUMBER OF BREAKING TIME STEPS*

***CONSIDERATION OF A STATIONARY CURRENT***

French translation: PRISE EN COMPTE D''UN COURANT STATIONNAIRE

Type: LOGICAL

Fortran variable: COUSTA

Default value: .FALSE.

Function: It indicates whether a stationary current is taken into account, either in a file or in condiw.f.

Related keyword:

*CURRENTS FILE*

***CONSIDERATION OF A WIND***

French translation: PRISE EN COMPTE DU VENT

Type: LOGICAL

Fortran variable: VENT

Default value: .FALSE.

Function: It indicates whether a wind is taken into account, either in a file or in venuti.f.

Related keyword:

*WINDS FILE*

***CONSIDERATION OF PROPAGATION***

French translation: PRISE EN COMPTE DE LA PROPAGATION

Type: LOGICAL

Fortran variable: PROP

Default value: .TRUE.

Function: It indicates whether propagation is taken into account.

***CONSIDERATION OF SOURCE TERMS***

French translation: PRISE EN COMPTE DES TERMES SOURCES

Type: LOGICAL

Fortran variable: TSOU

Default value: .FALSE.

Function: It indicates whether the source terms are taken into account or not.

Related keywords:

*WIND GENERATION*

*BOTTOM FRICTION DISSIPATION*

*WHITE CAPPING DISSIPATION*

*DEPTH-INDUCED BREAKING DISSIPATION*

*WAVE BLOCKING DISSIPATION*

*NON-LINEAR TRANSFERS BETWEEN FREQUENCIES*

*TRIAD INTERACTION*

***CONSIDERATION OF TIDE***

French translation: PRISE EN COMPTE DE LA MAREE

Type: LOGICAL

Fortran variable: MAREE

Default value: .FALSE.

Function: It indicates whether a current is taken into account, either in a file or in venuti.f.

Related keyword:

*FORMATTED TIDAL WATER LEVEL FILE*

*BINARY TIDAL WATER LEVEL FILE*

*TIDAL WATER LEVEL FILE FORMAT*

*TIDE REFRESHING PERIOD*

*TIDAL WATER LEVEL FILE BINARY*

***CURRENTS FILE BINARY***

French translation: BINAIRE DU FICHIER DES COURANTS

Type: CHARACTER

Fortran variable: BINCOU

Default value: 'STD

Function: Type of the binary used for writing the currents file. That type depends on the machine in which the file was generated. The possible values are as follows:

IBM; for a file created in an IBM machine;

I3E; for a file created in a HP machine;

STD; normal READ and WRITE instructions are then generated.

Related keyword:

*BINARY CURRENTS FILE*

*FORMATTED CURRENTS FILE*

*CURRENTS FILE FORMAT*

***CURRENTS FILE FORMAT***

French translation: FORMAT DU FICHIER DES COURANTS

Type: INTEGER

Fortran variable: INDIC

Default value: 1

Function: Selection of the type of currents file format:

1 = finite differences, WAM cycle 4 format type

2 = X Y UX UY, SINUSX format type

3 = selafin, TELEMAC type

4 = user format (the couuti.f procedure should then be amended)

Related keywords:

*CURRENTS BINARY FILE*

*CURRENTS FORMATTED FILE*

*CURRENTS FILE BINARY*

***DATE OF COMPUTATION BEGINNING***

French translation: DATE DE DEBUT DU CALCUL

Type: REAL

Fortran variable: DDC

Default value: 0

Function: Gives the date of the computation beginning. The format is yymmddhhmm, as an exemple 9310241524 means the 24 october 93 at 15h24. This date gives a reference for the reading of the

wind file.

Related keywords:

*BINARY WIND FILE*

*FORMATTED WIND FILE*

*WIND FILE BINARY*

*WIND FILE FORMAT*

***DEBUGGER***

French translation: DEBUGGER

Type: INTEGER

Fortran variable: DEBUG

Default value: 0

Function: If 1, calls of subroutines will be printed in the listing

***DEFAULT EXECUTABLE***

French translation: EXECUTABLE PAR DEFAUT

Type: CHARACTER

Fortran variable: EXEDEF

Default value: tomawac|towa\_VVV|PPP|tomawacMMMVVV.exe

Function: Default executable for TOMAWAC

***DEFAULT PARALLEL EXECUTABLE***

French translation: EXECUTABLE PARALLELE PAR DEFAUT

Type: CHARACTER

Fortran variable: EXEDEFPARA

Default value: tomawac|towa\_VVV|PPP|tomawacMMMVVV\_MP.exe

Function: Default parallel executable for Tomawac

***DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY***

French translation: DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE

Type: INTEGER

Fortran variable: IFRBJ

Default value: 2

Function: Selection of the characteristic frequency of the wave spectrum

1: Frequency Fmoy

2: Frequency F01 (defined by the moments of order 0 and 1 of the spectrum)

3: Frequency F02 (defined by the moments of order 0 and 2 of the spectrum)

4: Frequency Fpic (sampling frequency corresponding to the max)

5: Frequency Fread ordre 5 (peak frequency, 5th order Read method)

6: Frequency Fread ordre 8 (peak frequency, 8th order Read method)

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD*

*DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2*

***DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA***

French translation: DEFERLEMENT 1 (BJ) CONSTANTE ALPHA

Type: REAL

Fortran variable: ALFABJ

Default value: 1.

Function: ALPHA constant for the Battjes and Janssen model.

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*NUMBER OF BREAKING TIME STEPS*

*DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB*

*DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM*

*DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE*

*DEFERLEMENT 1 (BJ) CONSTANTE GAMMA1*

*DEFERLEMENT 1 (BJ) CONSTANTE GAMMA2*

***DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1***

French translation: DEFERLEMENT 1 (BJ) CONSTANTE GAMMA1

Type: REAL

Fortran variable: GAMBJ1

Default value: 0.88

Function: GAMMA1 constant of the Battjes and Janssen model.

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*NUMBER OF BREAKING TIME STEPS*

*DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB*

*DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM*

*DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE*

*DEFERLEMENT 1 (BJ) CONSTANTE ALPHA*

*DEFERLEMENT 1 (BJ) CONSTANTE GAMMA2*

***DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2***

French translation: DEFERLEMENT 1 (BJ) CONSTANTE GAMMA2

Type: REAL

Fortran variable: GAMBJ2

Default value: 0.8

Function: GAMMA1 constant of the Battjes and Janssen model.

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*NUMBER OF BREAKING TIME STEPS*

*DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB*

*DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM*

*DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE*

*DEFERLEMENT 1 (BJ) CONSTANTE ALPHA*

*DEFERLEMENT 1 (BJ) CONSTANTE GAMMA1*

***DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD***

French translation: DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM

Type: INTEGER

Fortran variable: IHMBJ

Default value: 1

Function: Selection of the depth-induced breaking criterium giving the breaking wave height (1: Hm = GAMMA\*D ; 2: Hm given by the Miche criterium).

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2*

***DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD***

French translation: DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB

Type: INTEGER

Fortran variable: IQBBJ

Default value: 2

Function: Selection of the method for the resolution of the implicit equation for QB.

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD*

*DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2*

***DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY***

French translation: DEFERLEMENT 2 (TG) CHOIX FREQUENCE CARACTERISTIQUE

Type: INTEGER

Fortran variable: IFRTG

Default value: 5

Function: Selection of the characteristic frequency of the wave spectrum

1: Frequency Fmoy

2: Frequency F01 (defined by the moments of order 0 and 1 of the spectrum)

3: Frequency F02 (defined by the moments of order 0 and 2 of the spectrum)

4: Frequency Fpic (sampling frequency corresponding to the max)

5: Frequency Fread ordre 5 (peak frequency, 5th order Read method)

6: Frequency Fread ordre 8 (peak frequency, 8th order Read method)

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B*

*DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA*

***DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B***

French translation: DEFERLEMENT 2 (TG) CONSTANTE B

Type: REAL

Fortran variable: BORETG

Default value: 1.0

Function: Coefficient B of the Thornton and Guza model.

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*NUMBER OF BREAKING TIME STEPS*

*DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA*

***DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA***

French translation: DEFERLEMENT 2 (TG) CONSTANTE GAMMA

Type: REAL

Fortran variable: GAMATG

Default value: 0.42

Function: Coefficient GAMMA of the Thornton and Guza model.

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*NUMBER OF BREAKING TIME STEPS*

*DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B*

***DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION***

French translation: DEFERLEMENT 2 (TG) FONCTION DE PONDERATION

Type: INTEGER

Fortran variable: IWHTG

Default value: 2

Function: Selection of the expression for the weighting function based on a probability distribution of the wave heights.

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B*

*DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA*

***DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY***

French translation: DEFERLEMENT 3 (RO) CHOIX FREQUENCE CARACTERISTIQUE

Type: INTEGER

Fortran variable: IFRRO

Default value: 5

Function: Selection of the characteristic frequency of the wave spectrum

1: Frequency Fmoy

2: Frequency F01 (defined by the moments of order 0 and 1 of the spectrum)

3: Frequency F02 (defined by the moments of order 0 and 2 of the spectrum)

4: Frequency Fpic (sampling frequency corresponding to the max)

5: Frequency Fread ordre 5 (peak frequency, 5th order Read method)

6: Frequency Fread ordre 8 (peak frequency, 8th order Read method)

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION*

*DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2*

***DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA***

French translation: DEFERLEMENT 3 (RO) CONSTANTE ALPHA

Type: REAL

Fortran variable: ALFARO

Default value: 1.

Function: Coefficient ALPHA of the Roelvink model (1993).

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*NUMBER OF BREAKING TIME STEPS*

*DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION*

*DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2*

***DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA***

French translation: DEFERLEMENT 3 (RO) CONSTANTE GAMMA

Type: REAL

Fortran variable: GAMARO

Default value: 0.54

Function: Coefficient GAMMA of the Roelvink model (1993).

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*NUMBER OF BREAKING TIME STEPS*

*DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION*

*DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2*

***DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2***

French translation: DEFERLEMENT 3 (RO) CONSTANTE GAMMA2

Type: REAL

Fortran variable: GAM2RO

Default value: 0.65

Function: Coefficient GAMMA2 of the Roelvink model (1993).

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*NUMBER OF BREAKING TIME STEPS*

*DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION*

*DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA*

***DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION***

French translation: DEFERLEMENT 3 (RO) EXPOSANT FONCTION DE PONDERATION

Type: INTEGER

Fortran variable: IEXPRO

Default value: 10

Function: n exponent of the weighting function used in the Roelvink breaking model.

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION*

*DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2*

***DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION***

French translation: DEFERLEMENT 3 (RO) DISTRIBUTION DES HAUTEURS DE HOULE

Type: INTEGER

Fortran variable: IDISRO

Default value: 1

Function: Selection of the wave height distribution for the Roelvink breaking model:

1: Weibull,

2: Rayleigh.

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2*

***DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY***

French translation: DEFERLEMENT 4 (IH) CHOIX FREQUENCE CARACTERISTIQUE

Type: INTEGER

Fortran variable: IFRIH

Default value: 5

Function: Selection of the characteristic frequency of the wave spectrum

1: Frequency Fmoy

2: Frequency F01 (defined by the moments of order 0 and 1 of the spectrum)

3: Frequency F02 (defined by the moments of order 0 and 2 of the spectrum)

4: Frequency Fpic (sampling frequency corresponding to the max)

5: Frequency Fread ordre 5 (peak frequency, 5th order Read method)

6: Frequency Fread ordre 8 (peak frequency, 8th order Read method)

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0*

*DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR*

***DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0***

French translation: DEFERLEMENT 4 (IH) CONSTANTE BETA0

Type: REAL

Fortran variable: BETAIH

Default value: 1.8

Function: coefficient BETA0 of the Izumiya and Horikawa model (1984).

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*NUMBER OF BREAKING TIME STEPS*

*DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR*

***DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR***

French translation: DEFERLEMENT 4 (IH) CONSTANTE M2STAR

Type: REAL

Fortran variable: EM2SIH

Default value: 0.009

Function: coefficient M2STAR of the Izumiya and Horikawa model (1984).

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*NUMBER OF BREAKING TIME STEPS*

*DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0*

***DEPTH-INDUCED BREAKING DISSIPATION***

French translation: DISSIPATION PAR DEFERLEMENT

Type: INTEGER

Fortran variable: SBREK

Default value: 0

Function: Selection of the modelling type of the bathymetric-induced breaking dissipation source term:

0: Breaking is ignored.

1: Battjes and Janssen model (1978).

2: Thornton and Guza model (1983).

3: Roelvink model (1993).

4: Izumiya and Horikawa model (1984).

Related keywords:

*NUMBER OF BREAKING TIME STEPS*

*DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD*

*DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD*

*DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2*

*DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B*

*DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA*

*DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION*

*DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2*

*DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0*

*DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR*

***DESCRIPTION OF LIBRARIES***

French translation: DESCRIPTION DES LIBRAIRIES

Type: CHARACTER

Fortran variable: LINKLIBS

Default value: 'tomawac|toma\_VVV|PPP|tomawacMMMVVV.LLL';

'bief|bief\_VVV|PPP|biefMMMVVV.LLL';

'damocles|damo\_VVV|PPP|damoMMMVVV.LLL';

'paravoid|paravoid\_VVV|PPP|paravoidMMMVVV.LLL';

'special|special\_VVV|PPP|specialMMMVVV.LLL

Function: TOMAWAC LIBRARIES description

***DICTIONARY***

French translation: DICTIONNAIRE

Type: CHARACTER

Fortran variable:

Default value: 'tomawacv6p1.dico

Function: Key word dictionary.

***DIFFRACTION***

French translation DIFFRACTION

Type INTEGER

Fortran variable: DIFFRA

Default value: 0

Function: Selection of the model used to represent the diffraction :

0 : Diffraction is not taken into account

1 : Mild Slope Equation model (Berkhoff - 1972)

2 : Revised Mild Slope Equation model (Porter - 2003)

The phase-decoupled approach proposed by Holthuijsen (2003) is used to simulate diffraction in TOMAWAC

Related keywords:

*STARTING TIME STEP FOR DIFFRACTION*

*VARIANCE THRESHOLD FOR DIFFRACTION*

*DIFFRACTION FILTER*

***DIFFRACTION FILTER***

French translation FILTRE POUR DIFFRACTION

Type LOGICAL

Fortran variable: FLTDIF

Default value: FALSE

Function: If diffraction is considered, the keyword indicates whether the local amplitudes of the directional spectra are filtered to compute the diffraction parameter and the transfer rates.

Related keywords:

*STARTING TIME STEP FOR DIFFRACTION*

*VARIANCE THRESHOLD FOR DIFFRACTION*

*DIFFRACTION*

***DISSIPATION BY STRONG CURRENT***

French translation DISSIPATION PAR FORT COURANT

Type INTEGER

Fortran variable: SDSCU

Default value: 0

Function: When wave-blocking effects are present (wave stopped by a strong opposing current), two options are possible. If its value is 1, an upper limit is imposed to the spectrum, using a Phillips (1977) shape. If its value is 2, a dissipative term is added, following Van der Westhuysen (2012).

**DISSIPATION COEFFICIENT FOR STRONG CURRENT**

French translation COEFFICIENT DE DISSIPATION PAR FORT COURANT

Type REAL

Fortran variable: CDSCUR

Default value: 0.65

Function: Dissipation coefficient for waves stopped by a strong opposing current (wave blocking effects).

Van der Westhuysen (2012)

Related keywords:

*DISSIPATION BY STRONG CURRENT*

*SATURATION THRESHOLD FOR THE DISSIPATION*

***FORMATTED CURRENTS FILE***

French translation: FICHIER DES COURANTS FORMATE

Type: CHARACTER

Fortran variable: WAC\_FILES(WACCOF)%NAME

Default value:

Function: Name of the current data file (if formatted).

Related keywords:

*CONSIDERATION OF A STATIONARY CURRENT*

*CONSIDERATION OF TIDE*

*BINARY CURRENTS FILE*

*CURRENTS FILE FORMAT*

***FORMATTED FILE 1***

French translation: FICHIER FORMATE 1

Type: CHARACTER

Fortran variable: WAC\_FILES(WACFO1)%NAME

Default value:

Function: Formatted data file made available to the user.

***FORMATTED TIDAL WATER LEVEL FILE***

French translation: FICHIER DU NIVEAU DE LA MAREE FORMATE

Type: CHARACTER

Fortran variable: WAC\_FILES(WACMAF)%NAME

Default value:

Function: Name of the current data file (if formatted).

Related keywords:

*CONSIDERATION OF TIDE*

*BINARY TIDAL WATER LEVEL FILE*

*TIDAL WATER LEVEL FILE FORMAT*

*TIDE REFRESHING PERIOD*

*TIDAL WATER LEVEL FILE BINARY*

***FORMATTED WINDS FILE***

French translation: FICHIER DES VENTS FORMATE

Type: CHARACTER

Fortran variable: WAC\_FILES(WACVEF)%NAME

Default value:

Function: Name of wind data file (if formatted).

Related keywords:

*CONSIDERATION OF WIND*

*BINARY WINDS FILE*

*WINDS FILE FORMAT*

***FORTRAN FILE***

French translation: FICHIER FORTRAN

Type: CHARACTER

Fortran variable: NOMFOR

Default value: 'DEFAUT1

Function: Name of FORTRAN file to be submitted.

***FREQUENTIAL RATIO***

French translation: RAISON FREQUENTIELLE

Type: REAL

Fortran variable: RAISF

Default value: 1.1

Function: Define the ratio between 2 successive discretised frequencies

Related keywords:

*MINIMAL FREQUENCY*

*NUMBER OF FREQUENCIES*

*SPECTRUM TAIL FACTOR*

***GEOMETRY FILE***

French translation: FICHIER DE GEOMETRIE

Type: CHARACTER

Fortran variable: WAC\_FILES(WACGEO)%NAME

Default value:

Function: Name of the file containing the grid of the computation to be made.

Related keyword:

*GEOMETRY FILE BINARY*

***GEOMETRY FILE BINARY***

French translation: BINAIRE DU FICHIER DE GEOMETRIE

Type: CHARACTER

Fortran variable: BINGEO

Default value: 'STD

Function: Type of the binary used for writing the geometry file. That type depends on the machine in which the file was generated. The possible values are as follows:

IBM; for a file created in an IBM machine;

I3E; for a file created in a HP machine;

STD; normal READ and WRITE instructions are then generated.

Related keyword:

*GEOMETRY FILE*

***GEOMETRY FILE FORMAT***

French translation: FORMAT DU FICHIER DE GEOMETRIE

Type: CHARACTER

Fortran variable: WAC\_FILES(WACGEO)%FMT

Default value: 'SERAFIN

Function: Geometry file format. Possible values are:

SERAFIN: classical single precision format in Telemac;

SERAFIND: classical double precision format in Telemac;

MED: MED format based on HDF5

***GLOBAL OUTPUT AT THE END***

French translation: SORTIE GLOBALE A LA FIN

Type: LOGICAL

Fortran variable: GLOB

Default value: .FALSE.

Function: It indicates whether a global output is made at the end of this computation (for a next computation).

Related keywords:

*GLOBAL RESULTS FILE*

***GLOBAL RESULT FILE***

French translation: FICHIER DES RESULTATS GLOBAUX

Type: CHARACTER

Fortran variable: WAC\_FILES(WACRBI)%NAME

Default value:

Function: Name of the file in which the table F (density spectrum) is written at the end of the computation in order to realise a next computation.

Related keywords:

*GLOBAL RESULT FILE BINARY*

***GLOBAL RESULT FILE BINARY***

French translation: BINAIRE DU FICHIER DES RESULTATS GLOBAUX

Type: CHARACTER

Fortran variable: BINRBI

Default value: 'STD

Function: Type of the binary used for writing the global result file. That type depends on the machine in which the file was generated. The possible values are as follows:

IBM; for a file created in an IBM machine;

I3E; for a file created in a HP machine;

STD; normal READ and WRITE instructions are then generated.

Related keyword:

*GLOBAL RESULT FILE*

***IMPLICITATION COEFFICIENT FOR SOURCE TERMS***

French translation: COEFFICIENT IMPLICITATION POUR TERMES SOURCES

Type: REAL

Fortran variable: CIMPLI

Default value: 0.5

Function: Implicitation coefficient for the source terms integration, included between 0 et 1.

CIMPLI=0. : explicit

CIMPLI=0.5: semi-implicit

CIMPLI=1. : implicit.

Related keyword:

*CONSIDERATION OF SOURCE TERMS*

***INFINITE DEPTH***

French translation: PROFONDEUR INFINIE

Type: LOGICAL

Fortran variable: PROINF

Default value: .FALSE.

Function: It indicates whether an infinite depth is assumed. If so, bottom friction is inhibited.

***INITIAL ANGULAR DISTRIBUTION FUNCTION***

French translation: FONCTION DE REPARTITION ANGULAIRE INITIALE

Type: INTEGER

Fortran variable: FRABI

Default value: 1

Function: It is part of the set of constants used for computing the initial directional spectrum. Allow the computation of the angular distribution function

1: modele en cos^2s(T-T0) ; T dans [T0-pi/2;T0+pi/2]

2: modele en exp(-0.5((T-T0)/s)^2) ; T dans [T0-pi/2;T0+pi/2]

3: modele en cos^2s((T-T0)/2) (de type Mitsuyasu)

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL DIRECTIONAL SPREAD 1***

French translation: ETALEMENT DIRECTIONNEL 1 INITIAL

Type: REAL

Fortran variable: SPRED1

Default value: 2.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL DIRECTIONAL SPREAD 2***

French translation: ETALEMENT DIRECTIONNEL 2 INITIAL

Type: REAL

Fortran variable: SPRED2

Default value: 2.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL MAIN DIRECTION 1***

French translation: DIRECTION PRINCIPALE 1 INITIALE

Type: REAL

Fortran variable: TETA1

Default value: 0.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL MAIN DIRECTION 2***

French translation: DIRECTION PRINCIPALE 2 INITIALE

Type: REAL

Fortran variable: TETA2

Default value: 0.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL MAXIMUM PEAK FREQUENCY***

French translation: FREQUENCE DE PIC MAXIMALE INITIALE

Type: REAL

Fortran variable: FREMAX

Default value: 0.2

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL MEAN FETCH VALUE***

French translation: VALEUR MOYENNE DU FETCH INITIAL

Type: REAL

Fortran variable: FETCH

Default value: 30000.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL PEAK FACTOR***

French translation: FACTEUR DE PIC INITIAL

Type: REAL

Fortran variable: GAMMA

Default value: 3.3

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL PEAK FREQUENCY***

French translation: FREQUENCE DE PIC INITIALE

Type: REAL

Fortran variable: FPIC

Default value: 0.067

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL PHILLIPS CONSTANT***

French translation: CONSTANTE DE PHILLIPS INITIALE

Type: REAL

Fortran variable: ALPHIL

Default value: 0.018

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL SIGNIFICANT WAVE HEIGHT***

French translation: HAUTEUR SIGNIFICATIVE INITIALE

Type: REAL

Fortran variable: HM0

Default value: 1.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL STILL WATER LEVEL***

French translation: COTE INITIALE DU PLAN D''EAU AU REPOS

Type: REAL

Fortran variable: ZREPOS

Default value: 0.

Function: Parameter used in the computation of the initial water DEPTH: DEPTH=ZREPOS-ZF.

***INITIAL VALUE OF SIGMA-A FOR SPECTRUM***

French translation: VALEUR INITIALE DE SIGMA-A POUR SPECTRE

Type: REAL

Fortran variable: SIGMAA

Default value: 0.07

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL VALUE OF SIGMA-B FOR SPECTRUM***

French translation: VALEUR INITIALE DE SIGMA-B POUR SPECTRE

Type: REAL

Fortran variable: SIGMAB

Default value: 0.09

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***INITIAL WEIGHTING FACTOR FOR ADF***

French translation: FACTEUR DE PONDERATION POUR FRA INITIALE

Type: REAL

Fortran variable: XLAMDA

Default value: 1.

Function: It is part of the set of constants used for computing the boundary directional spectrum as a function of the wind field.

Related keywords:

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

***LIMIT SPECTRUM MODIFIED BY USER***

French translation: SPECTRE AUX LIMITES MODIFIE PAR L''UTILISATEUR

Type: LOGICAL

Fortran variable: SPEULI

Default value: .FALSE.

Function: It indicates whether the user wants to modify the boundary spectrum. He should then retrieve the limwac.f subroutine, if the spectrum is frequency discretized, or the spelim.f subroutine, otherwise.

Related keyword:

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

***LINEAR WAVE GROWTH***

French translation: CROISSANCE LINEAIRE DES VAGUES

Type: INTEGER

Fortran variable: LVENT

Default value: 0

Function: Possibility to add a linear wave growth term to the wind generation source term. If its value is 0, the linear wave growth is ignored; if its value is 1, it is added to the source term, as in the formula of Cavaleri and Malanotte-Rizzoli (1981).

Related keywords:

*CONSIDERATION OF A WIND*

*WINDS FILE*

***LIST OF FILES***

French translation: LISTE DES FICHIERS

Type: CHARACTER

Fortran variable:

Default value: 'STEERING FILE

'DICTIONARY

'FORTRAN FILE

'GEOMETRY FILE

'BOUNDARY CONDITIONS FILE

'BOTTOM TOPOGRAPHY FILE

'2D RESULTS FILE

'PUNCTUAL RESULTS FILE

'PREVIOUS COMPUTATION FILE

'GLOBAL RESULT FILE

'BINARY CURRENTS FILE

'FORMATTED CURRENTS FILE

'BINARY FILE 1

'FORMATTED FILE 1

'BINARY WINDS FILE

'FORMATTED WINDS FILE

'PARALLELISM FILE

‘REFERENCE FILE

'BINARY TIDAL WATER LEVEL FILE'

'FORMATTED TIDAL WATER LEVEL FILE

Function: Names of the files used by the software

***MAXIMUM VALUE OF THE RATIO HM0 ON D***

French translation: VALEUR MAXIMALE DU RAPPORT HM0 SUR D

Type: REAL

Fortran variable: COEFHS

Default value: 1.

Function: At the beginning of the integration of the source terms, the wave height is lopped in order to satisfy the specified ctiterium.

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

***MINIMAL FREQUENCY***

French translation: FREQUENCE MINIMALE

Type: REAL

Fortran variable: F1

Default value: 1

Function: Define the minimal frequency in Hz. The discretised frequencies are computed from the FREQUENTIAL RATIO r and the NUMBER OF FREQUENCIES NF by the relation f=f0\*r^(k-1) k=1,NF.

Related keywords:

*FREQUENTIAL RATIO*

*NUMBER OF FREQUENCIES*

*SPECTRUM TAIL FACTOR*

***MINIMUM WATER DEPTH***

French translation: PROFONDEUR D''EAU MINIMALE

Type: REAL

Fortran variable: PROMIN

Default value: 0.1

Function: It defines the minimum water depth below which bottom elevations are regarded as dry.

***NEXT COMPUTATION***

French translation: SUITE DE CALCUL

Type: LOGICAL

Fortran variable: SUIT

Default value: .FALSE.

Function: It indicates whether a next compution is done.

Related keywords:

*PREVIOUS RESULTS FILE*

***NON-LINEAR TRANSFERS BETWEEN FREQUENCIES***

French translation: TRANSFERTS NON LINEAIRES INTER-FREQUENCES

Type: INTEGER

Fortran variable: STRIF

Default value: 0

Function: Selection of the modelling type of the non-linear transfert source term. If its value is 0, the non-linear transfers are ignored; if its value is 1, they are integrated in accordance with the formula of WAM cycle 4 (DIA method), if its value is 2, the MDIA (Multiple DIA) method is used to calculate the non linear transfer

term, if its value is 3, the non linear transfer term is calculated with the exact GQM method.

Related keywords:

*STANDARD CONFIGURATION PARAMETER*

*SETTING FOR INTEGRATION ON OMEGA1*

*SETTING FOR INTEGRATION ON THETA1*

*SETTING FOR INTEGRATION ON OMEGA2*

*THRESHOLD0 FOR CONFIGURATIONS ELIMINATION*

*THRESHOLD1 FOR CONFIGURATIONS ELIMINATION*

*THRESHOLD2 FOR CONFIGURATIONS ELIMINATION*

***NUMBER OF BREAKING TIME STEPS***

French translation: NOMBRE DE SOUS-PAS DE TEMPS POUR LE DEFERLEMENT

Type: INTEGER

Fortran variable: NDTBRK

Default value: 1

Function: Number of time steps for the breaking source term. These time steps are in a geometric progression

Related keywords:

*DEPTH-INDUCED BREAKING DISSIPATION*

*COEFFICIENT FOR THE BREAKING TIME STEPS*

***NUMBER OF DIRECTIONS***

French translation: NOMBRE DE DIRECTIONS

Type: INTEGER

Fortran variable: NPLAN

Default value: 12

Function: It defines the number of wave propagation directions. The propagation directions are evenly distributed from 0 to 360 degrees.

***NUMBER OF FIRST ITERATION FOR GRAPHICS PRINTOUTS***

French translation: NUMERO DE LA PREMIERE ITERATION POUR LES SORTIES GRAPHIQUES

Type: INTEGER

Fortran variable: GRADEB

Default value: 0

Function: It determines the number of iterations over mean angular frequency from which the results are first written into the 2D RESULTS FILE and the PUNCTUAL RESULTS FILE.

Related keywords:

*PERIOD FOR GRAPHIC PRINTOUTS*

*VARIABLES FOR 2D GRAPHIC PRINTOUTS*

*ABSCISSAE OF SPECTRUM PRINTOUT POINTS*

*ORDINATES OF SPECTRUM PRINTOUT POINTS*

*2D RESULTS FILE*

*PUNCTUAL RESULTS FILE*

***NUMBER OF FREQUENCIES***

French translation: NOMBRE DE FREQUENCES

Type: INTEGER

Fortran variable: NF

Default value: 15

Function: It defines the number of wave propagation frequencies. The propagation frequencies are geometrically distributed as a function of the MINIMAL FREQUENCY OF THE COMPUTATION and the FREQUENTIAL REASON

Related keywords:

*FREQUENTIAL RATIO*

*SPECTRUM TAIL FACTOR*

***NUMBER OF ITERATIONS FOR THE SOURCE TERMS***

French translation: NOMBRE DE SOUS-ITERATIONS POUR LES TERMES SOURCES

Type: INTEGER

Fortran variable: NSITS

Default value: 1

Function: Number of sub-iterations for the computation of the source terms. The time step considered in the integration of the source terms is the ratio between the TIME STEP and the NUMBER OF SUB-ITERATIONS FOR THE SOURCE TERMS.

Related keyword:

*TIME STEP*

***NUMBER OF PRIVATE ARRAYS***

French translation: NOMBRE DE TABLEAUX PRIVES

Type: INTEGER

Fortran variable: NPRIV

Default value: 0

Function: Number of private arrays used by the user

***NUMBER OF TIME STEP***

French translation: NOMBRE DE PAS DE TEMPS

Type: INTEGER

Fortran variable: NIT

Default value: 1

Function: Define the number of time step.

Related keywords:

*TIME STEP*

***ORDINATES OF SPECTRUM PRINTOUT POINTS***

French translation: ORDONNEES DES POINTS DE SORTIE DU SPECTRE

Type: REAL

Fortran variable: YLEO

Default value: (0.;0.; … ;0)

Function: Array providing the ordinates of the Seraphin spectrum printout points with a maximum dimension of 10. The spectrum printout points are the closest 2D points to the specified co-ordinates

Related keywords:

*ABSCISSAE OF SPECTRUM PRINTOUT POINTS*

*PUNCTUAL RESULT FILE*

***ORIGIN COORDINATES***

French translation: COORDONNEES DE L''ORIGINE

Type: INTEGER

Fortran variable: I\_ORIG,J\_ORIG

Default value: 0;0

Function: Value in metres, used to avoid large real numbers, added in Selafin format, but so far no other treatment

***PARALLEL PROCESSORS***

French translation: PROCESSEURS PARALLELES

Type: INTEGER

Fortran variable: NCSIZE

Default value: 0

Function: NUMBER OF PROCESSORS FOR PARALLEL PROCESSING

0: 1 machine, compiling without parallel library

1: 1 machine, compiling with a parallel library

2: 2 processors or machines in parallel

etc....

***PARALLELISM FILE***

French translation: FICHIER DE PARALLELISME

Type: CHARACTER

Fortran variable: WAC\_FILES(WACPAR)%NAME

Default value:

Function: Name of the parallelism file.

Related keywords:

*NUMBER OF PROCESSORS*

***PERIOD FOR GRAPHIC PRINTOUTS***

French translation: PERIODE POUR LES SORTIES GRAPHIQUES

Type: INTEGER

Fortran variable: GRAPRD

Default value: 1

Function: it determines the printing period, in number of time step of the VARIABLES FOR 2D GRAPHIC PRINTOUTS in the 2D RESULTS FILE and the PUNCTUAL RESULTS FILE.

Related keywords:

*VARIABLES FOR 2D GRAPHIC PRINTOUTS*

*ABSCISSAE OF SPECTRUM PRINTOUT POINTS*

*ORDINATES OF SPECTRUM PRINTOUT POINTS*

*2D RESULTS FILE*

*PUNCTUAL RESULTS FILE*

*NUMBER OF FIRST ITERATION FOR GRAPHIC PRINTOUTS*

***PERIOD FOR LISTING PRINTOUTS***

French translation: PERIODE POUR LES SORTIES LISTING

Type: INTEGER

Fortran variable: LISPRD

Default value: 1

Function: It determines the period, in number of time step of the software messages in the listing file.

***PREVIOUS COMPUTATION FILE***

French translation: FICHIER DU CALCUL PRECEDENT

Type: CHARACTER

Fortran variable: WAC\_FILES(WACPRE)%NAME

Default value:

Function: Name of the file containing the global results of a previous computation realised with the same mesh. This file gives the initial conditions for a next computation.

Related keywords:

*PREVIOUS COMPUTATION FILE BINARY*

***PREVIOUS COMPUTATION FILE BINARY***

French translation: BINAIRE DU FICHIER DU CALCUL PRECEDENT

Type: CHARACTER

Fortran variable: BINPRE

Default value: 'STD

Function: Type of the binary used for reading the previous computation file. That type depends on the machine in which the file was generated. The possible values are as follows:

IBM; for a file created in an IBM machine;

I3E; for a file created in a HP machine;

STD; normal READ and WRITE instructions are then generated.

Related keyword:

*PREVIOUS COMPUTATION FILE*

***PREVIOUS COMPUTATION FILE FORMAT***

French translation: FORMAT DU FICHIER DU CALCUL PRECEDENT

Type: CHARACTER

Fortran variable: WAC\_FILES(WACPRE)%FMT

Default value: 'SERAFIN

Function: Previous computation results file format. Possible values are:

SERAFIN: classical single precision format in Telemac;

SERAFIND: classical double precision format in Telemac;

MED: MED format based on HDF5

***PUNCTUAL RESULTS FILE***

French translation: FICHIER DES RESULTATS PONCTUELS

Type: CHARACTER

Fortran variable: WAC\_FILES(WACLEO)%NAME

Default value: 'spect

Function: Name of the file into which the punctual spectra will be written.

Related keywords:

*PUNCTUAL RESULTS FILE BINARY*

*ABSCISSAE OF SPECTRUM PRINTOUT POINTS*

*ORDINATES OF SPECTRUM PRINTOUT POINTS*

*PERIOD FOR GRAPHIC PRINTOUTS*

*NUMBER OF FIRST ITERATION FOR GRAPHIC PRINTOUTS*

***PUNCTUAL RESULTS FILE BINARY***

French translation: BINAIRE DU FICHIER DES RESULTATS PONCTUELS

Type: CHARACTER

Fortran variable: BINLEO

Default value: 'STD

Function: Type of the binary used for writing the puntual results file. That type depends on the machine in which the file was generated. The possible values are as follows:

IBM; for a file created in an IBM machine;

I3E; for a file created in a HP machine;

STD; normal READ and WRITE instructions are then generated.

Related keyword:

*PUNCTUAL RESULTS FILE*

***RANK OF THE TELEMAC DATA ITEM TO BE RECOVERED***

French translation: RANG DE LA DONNEE TELEMAC A RECUPERER

Type: INTEGER

Fortran variable: IDTEL

Default value: 0

Function: It indicates the rank of the TELEMAC data to be recovered in the currents file.

Related keywords:

*TIME INCREMENT NUMBER IN TELEMAC FILE*

*RECOVERY OF TELEMAC DATA ITEM*

***RANK OF THE WATER LEVEL DATA IN THE TELEMAC FILE***

French translation: RANG DU NIVEAU DE LA MAREE DANS LE FICHIER TELEMAC

Type: INTEGER

Fortran variable: IDHMA

Default value: 4

Function: Rank of the water level data in the TELEMAC file

Related keywords:

*CONSIDERATION OF TIDE*

*BINARY TIDAL WATER LEVEL FILE*

*FORMATTED TIDAL WATER LEVEL FILE*

*TIDAL WATER LEVEL FILE BINARY*

*TIDE REFRESHING PERIOD*

***RECOVERY OF TELEMAC DATA ITEM***

French translation: RECUPERATION DE DONNEE TELEMAC

Type: LOGICAL

Fortran variable: DONTEL

Default value: .FALSE.

Function: It indicates whether TELEMAC data are recovered in LECDON. If so, a proper-formatted CURRENTS FILE should be used and the rank of the respective variable should be entered into the TELEMAC file.

Related keywords:

*BINARY CURRENTS FILE*

*FORMATTED CURRENTS FILE*

*CURRENTS FILE TYPE*

*RANK OF THE TELEMAC DATA ITEM TO BE RECOVERED*

*TIME INCREMENT NUMBER IN TELEMAC FILE*

***REFERENCE FILE***

French translation: FICHIER DE REFERENCE

Type: CHARACTER

Fortran variable: WAC\_FILES(WACREF)%NAME

Default value:

Function: Name of validation data file

Related keywords:

*VALIDATION*

***REFERENCE FILE FORMAT***

French translation: FORMAT DU FICHIER DE REFERENCE

Type: CHARACTER

Fortran variable: WAC\_FILES(WACREF)%FMT

Default value: 'SERAFIN

Function: Previous computation results file format. Possible values are:

SERAFIN: classical single precision format in Telemac;

SERAFIND: classical double precision format in Telemac;

MED: MED format based on HDF5

***RELEASE***

French translation: NUMERO DE VERSION

Type: CHARACTER

Fortran variable: VERS

Default value: 'V6P1

Function: Release number

***RESULTS FILE FORMAT***

French translation: FORMAT DU FICHIER DE RESULTATS

Type: CHARACTER

Fortran variable: WAC\_FILES(WACRES)%FMT

Default value: 'SERAFIN

Function: Results file format. Possible values are:

SERAFIN: classical single precision format in Telemac;

SERAFIND: classical double precision format in Telemac;

MED: MED format based on HDF5

***SATURATION THRESHOLD FOR THE DISSIPATION***

French translation: SEUIL DE SATURATION POUR LA DISSIPATION

Type: REAL

Fortran variable: CMOUT4

Default value: 0.00175

Function: White capping dissipation coefficient of van der Westhuysen (2007): Br (saturation threshold).

Related keywords:

*WHITE CAPPING DISSIPATION*

*WESTHUYSEN DISSIPATION COEFFICIENT*

*WESTHUYSEN WHITE CAPPING DISSIPATION*

*WESTHUYSEN WEIGHTING COEFFICIENT*

*DISSIPATION BY STRONG CURRENT*

***SETTING FOR INTEGRATION ON OMEGA1***

French translation: REGLAGE POUR INTEGRATION SUR OMEGA1

Type: INTEGER

Fortran variable: IQ\_OM1

Default value: 3

Function: Choice of setting giving the number of integration points on omega1 when the non linear transfer term is calculated with the exact GQM method:

3 = rough;

1 = medium

2 = fine

***SETTING FOR INTEGRATION ON OMEGA2***

French translation: REGLAGE POUR INTEGRATION SUR OMEGA2

Type: INTEGER

Fortran variable: NQ\_OM2

Default value: 6

Function: Number of integration points on omega 2 when the non linear transfer term is calculated with the exact GQM method:

6 = rough;

8 = medium;

12 = fine

***SETTING FOR INTEGRATION ON THETA1***

French translation: REGLAGE POUR INTEGRATION SUR THETA1

Type: INTEGER

Fortran variable: NQ\_TE1

Default value: 3

Function: Choice of setting giving the number of integration points on theta1 (number of integration points= 2\*NQ\_TE1) when the non linear transfer term is calculated with the exact GQM method:

3 = rough;

4 = medium;

8 = fine

***SHIFT GROWING CURVE DUE TO WIND***

French translation: DECALAGE COURBE DE CROISSANCE DUE AU VENT

Type: REAL

Fortran variable: DECAL

Default value: 0.011

Function: Constant used in the wind source term (WAM cycle 4 model).

Related keywords:

*WIND GENERATION*

***SPECTRUM ENERGY THRESHOLD***

French translation: SEUIL D''ENERGIE CONSIDERE POUR LE SPECTRE

Type: REAL

Fortran variable: E2FMIN

Default value: 1.D-30

Function: For initial conditions, the energy on a frequency-direction component lower to this threshold is taken to 0. Useful for comparisons with WAM cycle 4.

***SPECTRUM FILE FORMAT***

French translation: FORMAT DU FICHIER DE SPECTRE

Type: CHARACTER

Fortran variable: WAC\_FILES(WACLEO)%FMT

Default value: 'SERAFIN

Function: Previous computation results file format. Possible values are:

SERAFIN: classical single precision format in Telemac;

SERAFIND: classical double precision format in Telemac;

MED: MED format based on HDF5

***SPECTRUM TAIL FACTOR***

French translation: FACTEUR DE QUEUE DU SPECTRE

Type: REAL

Fortran variable: TAILF

Default value: 5.

Function: Used to consider in the computations the contribution of the non discretised high frequencies

Related keywords:

*NUMBER OF FREQUENCIES*

*FREQUENTIAL RATIO*

***SPHERICAL COORDINATES***

French translation: COORDONNEES SPHERIQUES

Type: LOGICAL

Fortran variable: SPHE

Default value: .FALSE.

Function: It indicates whether the coordinates are spherical (unit= degree) or cartesian (unit = meter).

***STANDARD CONFIGURATION PARAMETER***

French translation: PARAMETRE DE LA CONFIGURATION STANDARD

Type: REAL

Fortran variable: XLAMD

Default value: 0.25

Function: Parameter defining the standard configuration for the quadruplet interactions in the DIA method.

Related keywords:

*NON-LINEAR TRANSFERS*

***STARTING TIME STEP FOR DIFFFRACTION***

French translation: PAS DE TEMPS DEBUT DIFFRACTION

Type: INTEGER

Fortran variable: NPTDIF

Default value: 1

Function: Number of the time step from which the diffraction is taken into account until the end of the simulation.

Related keywords:

*DIFFRACTION*

*VARIANCE THRESHOLD FOR DIFFRACTION*

*DIFFRACTION FILTER'*

***STATIONARY WIND***

French translation: VENT STATIONNAIRE

Type: LOGICAL

Fortran variable: VENSTA

Default value: .TRUE.

Function: It indicates whether the wind evolves temporally and requires to be updated

Related keyword:

*CONSIDERATION OF A WIND*

***STEERING FILE***

French translation: FICHIER DES PARAMETRES

Type: CHARACTER

Fortran variable: WACCAS

Default value: 'cas

Function: Name of the file containing the parameters of the computation to be made.

***THRESHOLD0 FOR CONFIGURATIONS ELIMINATION***

French translation: SEUIL0 ELIMINATION DE CONFIGURATIONS

Type: REAL

Fortran variable: SEUIL

Default value: 0.00

Function: Choice of threshold for configurations elimination when the non linear transfer term is calculated with the exact GQM method

Related keywords:

*THRESHOLD1 FOR CONFIGURATIONS ELIMINATION*

*THRESHOLD2 FOR CONFIGURATIONS ELIMINATION*

*NON-LINEAR TRANSFERS BETWEEN FREQUENCIES*

***THRESHOLD1 FOR CONFIGURATIONS ELIMINATION***

French translation: SEUIL1 ELIMINATION DE CONFIGURATIONS

Type: REAL

Fortran variable: SEUIL1

Default value: 10000000000.0

Function: Choice of threshold1 for configurations elimination when the non linear transfer term is calculated with the exact GQM method

Related keywords:

*THRESHOLD0 FOR CONFIGURATIONS ELIMINATION*

*THRESHOLD2 FOR CONFIGURATIONS ELIMINATION*

*NON-LINEAR TRANSFERS BETWEEN FREQUENCIES*

***THRESHOLD2 FOR CONFIGURATIONS ELIMINATION***

French translation: SEUIL2 ELIMINATION DE CONFIGURATIONS

Type: REAL

Fortran variable: SEUIL2

Default value: 0.15

Function: Choice of threshold2 for configurations elimination when the non linear transfer term is calculated with the exact GQM method: rough 0.15; medium 0.01; fine 0.001

Related keywords:

*THRESHOLD0 FOR CONFIGURATIONS ELIMINATION*

*THRESHOLD1 FOR CONFIGURATIONS ELIMINATION*

*NON-LINEAR TRANSFERS BETWEEN FREQUENCIES*

***TIDAL WATER LEVEL FILE BINARY***

French translation: BINAIRE DU FICHIER DU NIVEAU DE LA MAREE

Type: CHARACTER

Fortran variable: BINMAR

Default value: 'STD

Function: Type of the binary used for writing the currents file. That type depends on the machine in which the file was generated. The possible values are as follows:

IBM; for a file created in an IBM machine;

I3E; for a file created in a HP machine;

STD; normal READ and WRITE instructions are then generated.

Related keyword:

*CONSIDERATION OF TIDE*

*BINARY TIDAL WATER LEVEL FILE*

*FORMATTED TIDAL WATER LEVEL FILE*

*TIDAL WATER LEVEL FILE FORMAT*

*TIDE REFRESHING PERIOD*

***TIDAL WATER LEVEL FILE FORMAT***

French translation: FORMAT DU FICHIER DU NIVEAU DE LA MAREE

Type: INTEGER

Fortran variable: INDIM

Default value: 1

Function: Selection of the type of currents file format:

1 = finite differences, WAM cycle 4 format type

2 = X Y UX UY, SINUSX format type

3 = selafin, TELEMAC type

4 = user format (the maruti.f procedure should then be amended)

Related keywords:

*CONSIDERATION OF TIDE*

*BINARY TIDAL WATER LEVEL FILE*

*FORMATTED TIDAL WATER LEVEL FILE*

*TIDAL WATER LEVEL FILE BINARY*

*TIDE REFRESHING PERIOD*

***TIDE REFRESHING PERIOD***

French translation: PERIODE D''ACTUALISATION DE LA MAREE

Type: INTEGER

Fortran variable: LAM

Default value: 1

Function: It determines the period in number of iterations to update the tidal currents and the water depth.

Related keywords:

*CONSIDERATION OF TIDE*

*BINARY TIDAL WATER LEVEL FILE*

*FORMATTED TIDAL WATER LEVEL FILE*

*TIDAL WATER LEVEL FILE BINARY*

*FORMAT DU FICHIER DU NIVEAU DE LA MAREE*

***TIME INCREMENT NUMBER IN TELEMAC FILE***

French translation: NUMERO DU PAS DE TEMPS DU FICHIER TELEMAC

Type: INTEGER

Fortran variable: VARIABLE NPTT

Default value: 1

Function: It indicates the number of the time increment in the TELEMAC results file (currents file) corresponding to the desired time for data recovery.

Related keywords:

*RANK OF THE TELEMAC DATA ITEM TO BE RECOVERED*

*RECOVERY OF TELEMAC DATA ITEM*

***TIME STEP***

French translation: PAS DE TEMPS

Type: REAL

Fortran variable: DT

Default value: 1.

Function: Define the time step in seconds.

Related keywords:

*NUMBER OF TIME STEPS*

***TITLE***

French translation: TITRE

Type: CHARACTER

Fortran variable: TITCAS

Default value: 'SET A TITLE !!!

Function: Title of the case being studied.

***TRIAD INTERACTIONS***

French translation: TRANSFERTS ENTRE TRIPLETS DE FREQUENCES

Type: INTEGER

Fortran variable: STRIA

Default value: 0

Function: Selection of the triad interaction model:

0: no triad interactions

1: LTA model (Eldeberky, 1996)

2: SPB model (Becq, 1998)

Related keywords:

*TRIADS 1 (LTA) COEFFICIENT ALPHA*

*TRIADS 1 (LTA) COEFFICIENT RFMLTA*

*TRIADS 2 (SPB) COEFFICIENT K*

*TRIADS 2 (SPB) LOWER DIRECTIONAL BOUND*

*TRIADS 2 (SPB) UPPER DIRECTIONAL BOUND*

***TRIADS 1 (LTA) COEFFICIENT ALPHA***

French translation: TRIADS 1 (LTA) CONSTANTE ALPHA

Type: REAL

Fortran variable: ALFLTA

Default value: 0.5

Function: Coefficient alpha of the LTA model proposed by Eldeberky(1996). If alpha=0, no energy transfers. The energy transfers increase with alpha.

Related keywords:

*TRIAD INTERACTIONS*

*TRIADS 1 (LTA) COEFFICIENT RFMLTA*

***TRIADS 1 (LTA) COEFFICIENT RFMLTA***

French translation: TRIADS 1 (LTA) CONSTANTE RFMLTA

Type: REAL

Fortran variable: RFMLTA

Default value: 2.5

Function: RFMLTA determines the upper frequency on which the energy transfers may occur. The maximal frequency is calculated as the product of the constant RFMLTA by the peak frequency of the spectrum.

Related keywords:

*TRIAD INTERACTIONS*

*TRIADS 1 (LTA) COEFFICIENT ALPHA*

***TRIADS 2 (SPB) COEFFICIENT K***

French translation: TRIADS 2 (SPB) CONSTANTE K

Type: REAL

Fortran variable: KSPB

Default value: 0.34

Function: coefficient K of the SPB model

Related keywords:

*TRIAD INTERACTIONS*

*TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY*

*TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY*

***TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY***

French translation: TRIADS 2 (SPB) BORNE DIRECTIONNELLE INFERIEURE

Type: REAL

Fortran variable: BDISPB

Default value: 0.

Function: Lower directional boundary of the SPB model

Related keywords:

*TRIAD INTERACTIONS*

*TRIADS 2 (SPB) COEFFICIENT K*

*TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY*

***TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY***

French translation: TRIADS 2 (SPB) BORNE DIRECTIONNELLE SUPERIEURE

Type: REAL

Fortran variable: DBSSPB

Default value: 360.

Function: Upper directional boundary of the SPB model

Related keywords:

*TRIAD INTERACTIONS*

*TRIADS 2 (SPB) COEFFICIENT K*

*TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY*

***TRIGONOMETRICAL CONVENTION***

French translation: CONVENTION TRIGONOMETRIQUE

Type: LOGICAL

Fortran variable: TRIGO

Default value: .FALSE.

Function: True if the wave directions are measured counterclockwise from the positive x-axis, false if they are measured clockwise from geographic North

***TYPE OF BOUNDARY DIRECTIONAL SPECTRUM***

French translation: TYPE DE SPECTRE DIRECTIONNEL AUX LIMITES

Type: INTEGER

Fortran variable: LIMSPE

Default value: 0

Function: If this keyword is set to 0, a non-existent spectrum is specified at the inlet boundaries of the domain. If it ranges from 1 to 7, a JONSWAP (or TMA) -typed spectrum is specified at these very points as a

function of the initial wind field and/or of the values of the following keywords

Related keywords:

*BOUNDARY SIGNIFICANT HEIGHT*

*BOUNDARY PEAK FREQUENCY*

*BOUNDARY PEAK FACTOR*

*BOUNDARY VALUE OF SIGMA-A FOR SPECTRUM*

*BOUNDARY VALUE OF SIGMA-B FOR SPECTRUM*

*BOUNDARY PHILLIPS CONSTANT*

*BOUNDARY MEAN FETCH VALUE*

*BOUNDARY MAXIMUM PEAK FREQUENCY*

*BOUNDARY MAIN DIRECTION 1*

*BOUNDARY DIRECTIONAL SPREAD 1*

*BOUNDARY MAIN DIRECTION 2*

*BOUNDARY DIRECTIONAL SPREAD 2*

*BOUNDARY WEIGHTING FACTOR FOR ADF*

***TYPE OF INITIAL DIRECTIONAL SPECTRUM***

French translation: TYPE DE SPECTRE DIRECTIONNEL INITIAL

Type: INTEGER

Fortran variable: INISPE

Default value: 0

Function: If this keyword is set to 0, a zero valued spectrum is specified at the inlet boundaries of the domain. If it ranges from 1 to 7, a JONSWAP (or TMA)-typed spectrum is specified at these points as a function of the initial wind field and/or of the values of the following keywords

Related keywords:

*INITIAL SIGNIFICANT HEIGHT*

*INITIAL PEAK FREQUENCY*

*INITIAL PEAK FACTOR*

*INITIAL VALUE OF SIGMA-A FOR SPECTRUM*

*INITIAL VALUE OF SIGMA-B FOR SPECTRUM*

*INITIAL PHILLIPS CONSTANT*

*INITIAL MEAN FETCH VALUE*

*INITIAL MAXIMUM PEAK FREQUENCY*

*INITIAL MAIN DIRECTION 1*

*INITIAL DIRECTIONAL SPREAD 1*

*INITIAL MAIN DIRECTION 2*

*INITIAL DIRECTIONAL SPREAD 2*

*INITIAL WEIGHTING FACTOR FOR ADF*

***VALIDATION***

French translation: VALIDATION

Type: LOGICAL

Fortran variable: VALID

Default value: .FALSE.

Function: True if the computation is a validation.

Related keyword:

*REFERENCE FILE*

***VARIABLES FOR 2D GRAPHIC PRINTOUTS***

French translation: VARIABLES POUR LES SORTIES GRAPHIQUES 2D

Type: CHARACTER

Fortran variable: SORT2D

Default value: HM0,DMOY

Function: Codes of the variables the user wants to write into the 2D RESULTS FILE. The available variables are as follows

M0: Total variance

HM0: Spectral significant wave height

DMOY: Mean wave direction

SPD: Mean directional spreading

ZF: Sea bottom level

WD: Water depth

UX: Current along X

UY: Current along Y

VX: Wind along X

VY: Wind along Y

FX: Driving force along X

FY: Driving force along Y

SXX: Radiation stress along xx

SYY: Radiation stress along yy

SXY: Radiation stress along xy

UWB: Bottom celerity

POW: Wave power (per meter along wave crest)

FMOY: Mean frequency FMOY

FM01: Mean frequency FM01

FM02: Mean frequency FM02

FPD: Discrete peak frequency

FPR5: Peak frequency by Read method of order 5

FPR8: Peak frequency by Read method of order 8

US: Surface friction velocity u\*

CD: Surface drag coefficient CD

Z0: Surface roughness length Z0

WS : Surface wave stress

TMOY: Mean period Tmoy

TM01: Mean period Tm01

TM02: Mean period Tm02

TPD: Discrete peak period

TPR5: Peak period by Read method of order 5

TPR8: Peak period by Read method of order 8

PRI: Private table

BETA: Breaking waves coefficient

Related keywords:

*2D RESULTS FILE*

*NUMBER OF FIRST ITERATION FOR GRAPHIC PRINTOUTS*

*PERIOD FOR GRAPHIC PRINTOUTS*

***VARIANCE THRESHOLD FOR DIFFRACTION***

French translation: SEUIL DE VARIANCE CONSIDEREE POUR DIFFRACTION

Type: REAL

Fortran variable: F2DIFM

Default value: 1.D-12

Function: Minimum spectral variance threshold taken into account when diffraction is considered

Related keywords:

*DIFFRACTION*

*STARTING TIME STEP FOR DIFFRACTION*

*DIFFRACTION FILTER*

***VECTOR LENGTH***

French translation: LONGUEUR DU VECTEUR

Type: INTEGER

Fortran variable: VARIABLE LVMAC

Default value: 1

Function: It indicates the vector length of the vectorial machine being used.

***VEGETATION TAKEN INTO ACCOUNT***

French translation: PRISE EN COMPTE DE LA VEGETATION

Type: LOGICAL

Fortran variable: VEGETATION

Default value: NO

Function: If YES, subroutine QVEG will be called, it contains data on vegetation that are case-specific and must thus be modified by user.

***VON KARMAN CONSTANT***

French translation: CONSTANTE DE VON KARMAN

Type: REAL

Fortran variable: XKAPPA

Default value: 0.41

Function: Constant used in the wind source term (WAM cycle 4 model).

Related keywords:

*WIND GENERATION*

***WATER DENSITY***

French translation: DENSITE DE L''EAU

Type: REAL

Fortran variable: ROEAU

Default value: 1000.

Function: The ratio ROAIR/ROEAU is used in the wind generation source term.

Related keywords:

*WIND GENERATION*

*AIR DENSITY*

***WAVE GROWTH LIMITER***

French translation: LIMITEUR DE CROISSANCE

Type: INTEGER

Fortran variable: LIMIT

Default value: 1

Function: Choice of the wave growth limiter.

If LIMIT=0, no wave growth limiter.

If LIMIT=1, WAM 4 original limiter.

If LIMIT=2, Hersbach et Janssen (1999) limiter.

Related keywords:

*CONSIDERATION OF SOURCE TERMS*

***WESTHUYSEN DISSIPATION COEFFICIENT***

French translation: COEFFICIENT DE DISSIPATION DE WESTHUYSEN

Type: REAL

Fortran variable: CMOUT3

Default value: 0.00005

Function: White capping dissipation coefficient of van der Westhuysen (2007): Cdis,break.

Related keywords:

*WHITE CAPPING DISSIPATION*

*SATURATION THRESHOLD FOR THE DISSIPATION*

*WESTHUYSEN WHITE CAPPING DISSIPATION*

*WESTHUYSEN WEIGHTING COEFFICIENT*

***WESTHUYSEN WEIGHTING COEFFICIENT***

French translation: COEFFICIENT DE PONDERATION DE WESTHUYSEN

Type: REAL

Fortran variable: CMOUT6

Default value: 0.0

Function: White capping dissipation coefficient of van der Westhuysen (2007): delta.

Related keywords:

*WHITE CAPPING DISSIPATION*

*WESTHUYSEN DISSIPATION COEFFICIENT*

*SATURATION THRESHOLD FOR THE DISSIPATION*

*WESTHUYSEN WHITE CAPPING DISSIPATION*

***WESTHUYSEN WHITE CAPPING DISSIPATION***

French translation: DISSIPATION PAR MOUTONNEMENT DE WESTHUYSEN

Type: REAL

Fortran variable: CMOUT5

Default value: 3.29

Function: White capping dissipation coefficient of van der Westhuysen (2007): Cdis,non-break.

Related keywords:

*WHITE CAPPING DISSIPATION*

*WESTHUYSEN DISSIPATION COEFFICIENT*

*SATURATION THRESHOLD FOR THE DISSIPATION*

*WESTHUYSEN WEIGHTING COEFFICIENT*

***WHITE CAPPING DISSIPATION***

French translation: DISSIPATION PAR MOUTONNEMENT

Type: INTEGER

Fortran variable: SMOUT

Default value: 0

Function: Selection of the modelling type of the white capping source term. If its value is 0, the white capping dissipation is ignored; if its value is 1, it is integrated in accordance with a formula that is similar to that of WAM cycle 4; if its value is 2, it is integrated in accordance with the formula of van der Westhuysen (2007).

Related keywords:

*WHITE CAPPING DISSIPATION COEFFICIENT*

*WHITE CAPPING WEIGHTING COEFFICIENT*

*WESTHUYSEN DISSIPATION COEFFICIENT*

*SATURATION THRESHOLD FOR THE DISSIPATION*

*WESTHUYSEN WHITE CAPPING DISSIPATION*

*WESTHUYSEN WEIGHTING COEFFICIENT*

***WHITE CAPPING DISSIPATION COEFFICIENT***

French translation: COEFFICIENT DE DISSIPATION PAR MOUTONNEMENT

Type: REAL

Fortran variable: CMOUT1

Default value: 4.5

Function: White capping dissipation coefficient.

Related keywords:

*WHITE CAPPING DISSIPATION*

*WHITE CAPPING WEIGHTING COEFFICIENT*

***WHITE CAPPING WEIGHTING COEFFICIENT***

French translation: COEFFICIENT DE PONDERATION POUR LE MOUTONNEMENT

Type: REAL

Fortran variable: CMOUT2

Default value: 0.5

Function: White capping weighting coefficient.

Related keywords:

*WHITE CAPPING DISSIPATION*

*WHITE CAPPING DISSIPATION COEFFICIENT*

***WIND DRAG COEFFICIENT***

French translation: COEFFICIENT DE TRAINEE DE VENT

Type: REAL

Fortran variable: CDRAG

Default value: 1.2875E-3

Function: Constant used in the wind source term (WAM cycle 4 model).

Related keywords:

*WIND GENERATION*

***WINDS FILE BINARY***

French translation: BINAIRE DU FICHIER DES VENTS

Type: CHARACTER

Fortran variable: BINVEN

Default value: 'STD

Function: Type of the binary used for writing the winds file. This type depends on the machine in which the file was generated. The possible values are the same as for the geometry file.

WARNING! This file is a binary one if the keyword WINDS FILE FORMAT is higher than or equal to 3.

Related keywords:

*BINARY WINDS FILE*

*WINDS FILE FORMAT*

***WINDS FILE FORMAT***

French translation: FORMAT DU FICHIER DES VENTS

Type: INTEGER

Fortran variable: INDIV

Default value: 1

Function: Selection of winds file format type:

1 = finite differences, WAM cycle 4 format type

2 = X Y UX UY, SINUSX format type

3 = selafin, TELEMAC type

4 = user format (the venuti.f procedure should then be amended)

Related keywords:

*WINDS FILE TYPE*

*WINDS FILE*

*WINDS FILE BINARY*

***WIND GENERATION***

French translation: APPORTS DUS AU VENT

Type: INTEGER

Fortran variable: SVENT

Default value: 0

Function: Selection of the type of modelling of the wind generation source term. If its value is 0, the wind generation is ignored; if its value is 1, it is integrated in accordance with the WAM cycle 4 formula; if its value is 2, it is integrated in accordance with the WAM cycle 3 formula; if its value is 3, it is integrated in accordance with the Yan (1987) expression.

Related keywords:

*CONSIDERATION OF A WIND*

*WINDS FILE*

*AIR DENSITY*

*WATER DENSITY*

*WIND GENERATION COEFFICIENT*

*VON KARMAN CONSTANT*

*CHARNOCK CONSTANT*

*SHIFT GROWING CURVE DUE TO WIND*

*WIND MEASUREMENTS LEVEL*

*WIND DRAG COEFFICIENT*

*WIND GENERATION COEFFICIENT A*

*WIND GENERATION COEFFICIENT B*

*WIND GENERATION COEFFICIENT C*

*WIND GENERATION COEFFICIENT D*

*WIND GENERATION COEFFICIENT TM*

***WIND GENERATION COEFFICIENT***

French translation: COEFFICIENT DE GENERATION PAR LE VENT

Type: REAL

Fortran variable: BETAM

Default value: 1.2

Function: Constant used in the wind source term (WAM cycle 4 model).

Related keywords:

*WIND GENERATION*

***WIND MEASUREMENTS LEVEL***

French translation: COTE DE MESURE DES VENTS

Type: REAL

Fortran variable: ZVENT

Default value: 10.

Function: Constant used in the wind source term (WAM cycle 4 model).

Related keywords:

*WIND GENERATION*

***WIND VELOCITY ALONG X***

French translation: VITESSE DU VENT SUIVANT X

Type: REAL

Fortran variable: VX\_CTE

Default value: 0.

Function: Wind velocity along X axis, constant and homogeneous (m/s)

Related keyword:

*CONSIDERATION OF A WIND*

***WIND VELOCITY ALONG Y***

French translation: VITESSE DU VENT SUIVANT Y

Type: REAL

Fortran variable: VY\_CTE

Default value: 0.

Function: Wind velocity along Y axis, constant and homogeneous (m/s)

Related keyword:

*CONSIDERATION OF A WIND*

***YAN GENERATION COEFFICIENT D***

French translation: COEFFICIENT DE GENERATION DE YAN D

Type: REAL

Fortran variable: COEFWD

Default value: 0.04

Function: Constant used in the wind source term of Yan (1987).

Related keywords:

*WIND GENERATION*

*YAN GENERATION COEFFICIENT E*

*YAN GENERATION COEFFICIENT F*

*YAN GENERATION COEFFICIENT H*

***YAN GENERATION COEFFICIENT E***

French translation: COEFFICIENT DE GENERATION DE YAN E

Type: REAL

Fortran variable: COEFWE

Default value: 0.00552

Function: Constant used in the wind source term of Yan (1987).

Related keywords:

*WIND GENERATION*

*YAN GENERATION COEFFICIENT D*

*YAN GENERATION COEFFICIENT F*

*YAN GENERATION COEFFICIENT H*

***YAN GENERATION COEFFICIENT F***

French translation: COEFFICIENT DE GENERATION DE YAN F

Type: REAL

Fortran variable: COEFWF

Default value: 0.000052

Function: Constant used in the wind source term of Yan (1987).

Related keywords:

*WIND GENERATION*

*YAN GENERATION COEFFICIENT D*

*YAN GENERATION COEFFICIENT E*

*YAN GENERATION COEFFICIENT H*

***YAN GENERATION COEFFICIENT H***

French translation: COEFFICIENT DE GENERATION DE YAN H

Type: REAL

Fortran variable: COEFWH

Default value: -0.000302

Function: Constant used in the wind source term of Yan (1987).

Related keywords:

*WIND GENERATION*

*YAN GENERATION COEFFICIENT D*

*YAN GENERATION COEFFICIENT E*

*YAN GENERATION COEFFICIENT F*

# List OF KEYWORDS CLASSIFIED BY TYPE

BOTTOM FRICTION

*BOTTOM FRICTION COEFFICIENT*

*BOTTOM FRICTION DISSIPATION*

### BOUNDARY CONDITIONS

*BOUNDARY ANGULAR DISTRIBUTION FUNCTION*

*BOUNDARY DIRECTIONAL SPREAD 1*

*BOUNDARY DIRECTIONAL SPREAD 2*

*BOUNDARY MAIN DIRECTION 1*

*BOUNDARY MAIN DIRECTION 2*

*BOUNDARY MAXIMUM PEAK FREQUENCY*

*BOUNDARY MEAN FETCH VALUE*

*BOUNDARY PEAK FACTOR*

*BOUNDARY PEAK FREQUENCY*

*BOUNDARY PHILLIPS CONSTANT*

*BOUNDARY SIGNIFICANT WAVE HEIGHT*

*BOUNDARY SPECTRUM VALUE OF SIGMA-A*

*BOUNDARY SPECTRUM VALUE OF SIGMA-B*

*BOUNDARY WEIGHTING FACTOR FOR ADF*

*LIMIT SPECTRUM MODIFIED BY USER*

*TYPE OF BOUNDARY DIRECTIONAL SPECTRUM*

### BREAKING

*COEFFICIENT OF THE TIME SUB-INCREMENTS FOR BREAKING*

*DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1*

*DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2*

*DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD*

*DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD*

*DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B*

*DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA*

*DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA*

*DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2*

*DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION*

*DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION*

*DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY*

*DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0*

*DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR*

*DEPTH-INDUCED BREAKING DISSIPATION*

*MAXIMUM VALUE OF THE RATIO HM0 ON D*

*NUMBER OF BREAKING TIME STEPS*

### CURRENT

*CONSIDERATION OF A STATIONARY CURRENT*

*CURRENTS FILE FORMAT*

*DISSIPATION BY STRONG CURRENT*

*DISSIPATION COEFFICIENT FOR STRONG CURRENT*

### DATA FILE

*BINARY CURRENTS FILE*

*BINARY DATA FILE 1 FORMAT*

*BINARY TIDAL WATER LEVEL FILE*

*BINARY WINDS FILE*

*BOUNDARY CONDITIONS FILE*

*BOTTOM TOPOGRAPHY FILE*

*FORMATTED CURRENTS FILE*

*FORMATTED FILE 1*

*FORMATTED TIDAL WATER LEVEL FILE*

*FORMATTED WINDS FILE*

*FORTRAN FILE*

*GEOMETRY FILE*

*GEOMETRY FILE FORMAT*

*PREVIOUS COMPUTATION FILE*

*PREVIOUS COMPUTATION FILE FORMAT*

*REFERENCE FILE*

*REFERENCE FILE FORMAT*

*RESULTS FILE FORMAT*

*SPECTRUM FILE FORMAT*

*STEERING FILE*

DIFFRACTION

*DIFFRACTION*

*DIFFRACTION FILTER*

*STARTING TIME STEP FOR DIFFRACTION*

*VARIANCE THRESHOLD FOR DIFFRACTION*

GENERAL

*CONSIDERATION OF PROPAGATION*

*CONSIDERATION OF SOURCE TERMS*

*DEBUGGER*

*IMPLICITATION COEFFICIENT FOR SOURCE TERMS*

*INFINITE DEPTH*

*NEXT COMPUTATION*

*MINIMUM WATER DEPTH*

*SPHERICAL COORDINATES*

*TITLE*

*TRIGONOMETRICAL CONVENTION*

*VALIDATION*

*WAVE GROWTH LIMITER*

*WIND VELOCITY ALONG X*

*WIND VELOCITY ALONG Y*

INITIAL CONDITIONS

*INITIAL ANGULAR DISTRIBUTION FUNCTION*

*INITIAL DIRECTIONAL SPREAD 1*

*INITIAL DIRECTIONAL SPREAD 2*

*INITIAL MAIN DIRECTION 1*

*INITIAL MAIN DIRECTION 2*

*INITIAL MAXIMUM PEAK FREQUENCY*

*INITIAL MEAN FETCH VALUE*

*INITIAL PEAK FACTOR*

*INITIAL PEAK FREQUENCY*

*INITIAL PHILLIPS CONSTANT*

*INITIAL SIGNIFICANT WAVE HEIGHT*

*INITIAL STILL WATER LEVEL*

*INITIAL VALUE OF SIGMA-A FOR SPECTRUM*

*INITIAL VALUE OF SIGMA-B FOR SPECTRUM*

*INITIAL WEIGHTING FACTOR FOR ADF*

*TYPE OF INITIAL DIRECTIONAL SPECTRUM*

INPUT-OUTPUT

*BINARY FILE 1*

*DESCRIPTION OF LIBRARIES*

*DEFAULT EXECUTABLE*

*DEFAULT PARALLEL EXECUTABLE*

*LIST OF FILES*

MISCELLANEOUS

*2D RESULTS FILE BINARY*

*BINARY FILE 1 BINARY*

*BOTTOM SMOOTHINGS*

*CURRENTS FILE BINARY*

*GEOMETRY FILE BINARY*

*GLOBAL RESULT FILE BINARY*

*NUMBER OF PRIVATE ARRAYS*

*ORIGIN COORDINATES*

*PARALLEL PROCESSORS*

*PARALLELISM FILE*

*PREVIOUS COMPUTATION FILE BINARY*

*PUNCTUAL RESULTS FILE BINARY*

*RANK OF THE TELEMAC DATA ITEM TO BE RECOVERED*

*RECOVERY OF TELEMAC DATA ITEM*

*RELEASE*

*TIDAL WATER LEVEL FILE BINARY*

*TIME INCREMENT NUMBER IN TELEMAC FILE*

*VECTOR LENGTH*

*WINDS FILE BINARY*

RESULTS

*2D RESULTS FILE*

*ABSCISSAE OF SPECTRUM PRINTOUT POINTS*

*GLOBAL OUTPUT AT THE END*

*GLOBAL RESULT FILE*

*ORDINATES OF SPECTRUM PRINTOUT POINTS*

*NUMBER OF FIRST ITERATION FOR GRAPHICS PRINTOUTS*

*PERIOD FOR GRAPHIC PRINTOUTS*

*PERIOD FOR LISTING PRINTOUTS*

*PUNCTUAL RESULTS FILE*

*VARIABLES FOR 2D GRAPHIC PRINTOUTS*

SPECTRUM

*FREQUENTIAL RATIO*

*MINIMAL FREQUENCY*

*NUMBER OF DIRECTIONS*

*NUMBER OF FREQUENCIES*

*SPECTRUM ENERGY THRESHOLD*

*SPECTRUM TAIL FACTOR*

TIDE

*CONSIDERATION OF TIDE*

*RANK OF THE WATER LEVEL DATA IN THE TELEMAC FILE*

*TIDE REFRESHING PERIOD*

*TIDAL WATER LEVEL FILE FORMAT*

TIME

*DATE OF COMPUTATION BEGINNING*

*NUMBER OF ITERATIONS FOR THE SOURCE TERMS*

*NUMBER OF TIME STEP*

*TIME STEP*

TRANSFERS

*NON-LINEAR TRANSFERS BETWEEN FREQUENCIES*

*SETTING FOR INTEGRATION ON OMEGA1*

*SETTING FOR INTEGRATION ON OMEGA2*

*SETTING FOR INTEGRATION ON THETA1*

*STANDARD CONFIGURATION PARAMETER*

*THRESHOLD0 FOR CONFIGURATIONS ELIMINATION*

*THRESHOLD1 FOR CONFIGURATIONS ELIMINATION*

*THRESHOLD2 FOR CONFIGURATIONS ELIMINATION*

*TRIADS 1 (LTA) COEFFICIENT ALPHA*

*TRIADS 1 (LTA) COEFFICIENT RFMLTA*

*TRIADS 2 (SPB) COEFFICIENT K*

*TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY*

*TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY*

*TRIAD INTERACTIONS*

VEGETATION

*VEGETATION TAKEN INTO ACCOUNT SATURATION*

WHITECAPPING

*SATURATION THRESHOLD FOR THE DISSIPATION*

*WESTHUYSEN DISSIPATION COEFFICIENT*

*WESTHUYSEN WEIGHTING COEFFICIENT*

*WESTHUYSEN WHITE CAPPING DISSIPATION*

*WHITE CAPPING DISSIPATION*

*WHITE CAPPING DISSIPATION COEFFICIENT*

*WHITE CAPPING WEIGHTING COEFFICIENT*

WIND

*AIR DENSITY*

*CHARNOCK CONSTANT*

*CONSIDERATION OF A WIND*

*LINEAR WAVE GROWTH'*

*SHIFT GROWING CURVE DUE TO WIND*

*STATIONARY WIND*

*VON KARMAN CONSTANT*

*WATER DENSITY*

*WIND DRAG COEFFICIENT*

*WINDS FILE FORMAT*

*WIND GENERATION*

*WIND GENERATION COEFFICIENT*

*WIND MEASUREMENTS LEVEL*

*YAN GENERATION COEFFICIENT D*

*YAN GENERATION COEFFICIENT E*

*YAN GENERATION COEFFICIENT F*

*YAN GENERATION COEFFICIENT H*

# FRENCH/ENGLISH GLOSSARY OF KEYWORDS

|  |  |
| --- | --- |
| *ABSCISSES DES POINTS DE SORTIE DU SPECTRE* | *ABSCISSAE OF SPECTRUM PRINTOUT POINTS* |
| *APPORTS DUS AU VENT* | *WIND GENERATION* |
| *BINAIRE DU FICHIER BINAIRE 1* | *BINARY FILE 1 BINARY* |
| *BINAIRE DU FICHIER DE GEOMETRIE* | *GEOMETRY FILE BINARY* |
| *BINAIRE DU FICHIER DES COURANTS* | *CURRENTS FILE BINARY* |
| *BINAIRE DU FICHIER DES RESULTATS 2D* | *2D RESULTS FILE BINARY* |
| *BINAIRE DU FICHIER DES RESULTATS GLOBAUX* | *GLOBAL RESULT FILE BINARY* |
| *BINAIRE DU FICHIER DES RESULTATS PONCTUELS* | *PUNCTUAL RESULTS FILE BINARY* |
| *BINAIRE DU FICHIER DES VENTS* | *WINDS FILE BINARY* |
| *BINAIRE DU FICHIER DU CALCUL PRECEDENT* | *PREVIOUS COMPUTATION FILE BINARY* |
| *BINAIRE DU FICHIER DU NIVEAU DE LA MAREE* | *TIDAL WATER LEVEL FILE BINARY* |
| *COEFFICIENT DE DISSIPATION PAR MOUTONNEMENT* | *WHITE CAPPING DISSIPATION COEFFICIENT* |
| *COEFFICIENT DE FROTTEMENT SUR LE FOND* | *BOTTOM FRICTION COEFFICIENT* |
| *COEFFICIENT DE DISSIPATION PAR FORT COURANT* | *DISSIPATION COEFFICIENT FOR STRONG CURRENT* |
| *COEFFICIENT DE DISSIPATION DE WESTHUYSEN* | *WESTHUYSEN DISSIPATION COEFFICIENT* |
| *COEFFICIENT DE GENERATION DE YAN D* | *YAN GENERATION COEFFICIENT D* |
| *COEFFICIENT DE GENERATION DE YAN E* | *YAN GENERATION COEFFICIENT E* |
| *COEFFICIENT DE GENERATION DE YAN F* | *YAN GENERATION COEFFICIENT F* |
| *COEFFICIENT DE GENERATION DE YAN H* | *YAN GENERATION COEFFICIENT H* |
| *COEFFICIENT DE GENERATION PAR LE VENT* | *WIND GENERATION COEFFICIENT* |
| *COEFFICIENT DE PONDERATION DE WESTHUYSEN* | *WESTHUYSEN WEIGHTING COEFFICIENT* |
| *COEFFICIENT DE PONDERATION POUR LE MOUTONNEMENT* | *WHITE CAPPING WEIGHTING COEFFICIENT* |
| *COEFFICIENT DE TRAINEE DE VENT* | *WIND DRAG COEFFICIENT* |
| *COEFFICIENT IMPLICITATION POUR TERMES SOURCES* | *IMPLICITATION COEFFICIENT FOR SOURCE TERMS* |
| *COEFFICIENT POUR LES SOUS-PAS DE TEMPS POUR LE DEFERLEMENT* | *COEFFICIENT OF THE TIME SUB-INCREMENTS FOR BREAKING* |
| *CONSTANTE DE CHARNOCK* | *CHARNOCK CONSTANT* |
| *CONSTANTE DE PHILLIPS AUX LIMITES* | *BOUNDARY PHILLIPS CONSTANT* |
| *CONSTANTE DE PHILLIPS INITIALE* | *INITIAL PHILLIPS CONSTANT* |
| *CONSTANTE DE VON KARMAN* | *VON KARMAN CONSTANT* |
| *CONVENTION TRIGONOMETRIQUE* | *TRIGONOMETRICAL CONVENTION* |
| *COORDONNEES SPHERIQUES* | *SPHERICAL COORDINATES* |
| *COTE DE MESURE DES VENTS* | *WIND MEASUREMENTS LEVEL* |
| *COTE INITIALE DU PLAN DEAU AU REPOS* | *INITIAL STILL WATER LEVEL* |
| *CROISSANCE LINEAIRE DES VAGUES* | *LINEAR WAVE GROWTH* |
| *DATE DE DEBUT DU CALCUL* | *DATE OF COMPUTATION BEGINNING* |
| *DECALAGE COURBE DE CROISSANCE DUE AU VENT* | *SHIFT GROWING CURVE DUE TO WIND* |
| *DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE* | *DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY* |
| *DEFERLEMENT 1 (BJ) CONSTANTE ALPHA* | *DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA* |
| *DEFERLEMENT 1 (BJ) CONSTANTE GAMMA1* | *DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1* |
| *DEFERLEMENT 1 (BJ) CONSTANTE GAMMA2* | *DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2* |
| *DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM* | *DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD* |
| *DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB* | *DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD* |
| *DEFERLEMENT 2 (TG) CHOIX FREQUENCE CARACTERISTIQUE* | *DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY* |
| *DEFERLEMENT 2 (TG) CONSTANTE B* | *DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B* |
| *DEFERLEMENT 2 (TG) CONSTANTE GAMMA* | *DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA* |
| *DEFERLEMENT 2 (TG) FONCTION DE PONDERATION* | *DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION* |
| *DEFERLEMENT 3 (RO) CHOIX FREQUENCE CARACTERISTIQUE* | *DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY* |
| *DEFERLEMENT 3 (RO) CONSTANTE ALPHA* | *DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA* |
| *DEFERLEMENT 3 (RO) CONSTANTE GAMMA* | *DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA* |
| *DEFERLEMENT 3 (RO) CONSTANTE GAMMA2* | *DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2* |
| *DEFERLEMENT 3 (RO) DISTRIBUTION DES HAUTEURS DE HOULE* | *DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION* |
| *DEFERLEMENT 3 (RO) EXPOSANT FONCTION DE PONDERATION* | *DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION* |
| *DEFERLEMENT 4 (IH) CHOIX FREQUENCE CARACTERISTIQUE* | *DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY* |
| *DEFERLEMENT 4 (IH) CONSTANTE BETA0* | *DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0* |
| *DEFERLEMENT 4 (IH) CONSTANTE M2STAR* | *DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR* |
| *DESCRIPTION DES LIBRAIRIES* | *DESCRIPTION OF LIBRARIES* |
| *DICTIONNAIRE* | *DICTIONARY* |
| *DIFFRACTION* | *DIFFRACTION* |
| *DIRECTION PRINCIPALE 1 AUX LIMITES* | *BOUNDARY MAIN DIRECTION 1* |
| *DIRECTION PRINCIPALE 1 INITIALE* | *INITIAL MAIN DIRECTION 1* |
| *DIRECTION PRINCIPALE 2 AUX LIMITES* | *BOUNDARY MAIN DIRECTION 2* |
| *DIRECTION PRINCIPALE 2 INITIALE* | *INITIAL MAIN DIRECTION 2* |
| *DISSIPATION PAR DEFERLEMENT* | *DEPTH-INDUCED BREAKING DISSIPATION* |
| *DISSIPATION PAR FORT COURANT* | *DISSIPATION BY STRONG CURRENT* |
| *DISSIPATION PAR FROTTEMENT SUR LE FOND* | *BOTTOM FRICTION DISSIPATION* |
| *DISSIPATION PAR MOUTONNEMENT* | *WHITE CAPPING DISSIPATION* |
| *DISSIPATION PAR MOUTONNEMENT DE WESTHUYSEN* | *WESTHUYSEN WHITE CAPPING DISSIPATION* |
| *ETALEMENT DIRECTIONNEL 1 AUX LIMITES* | *BOUNDARY DIRECTIONAL SPREAD 1* |
| *ETALEMENT DIRECTIONNEL 1 INITIAL* | *INITIAL DIRECTIONAL SPREAD 1* |
| *ETALEMENT DIRECTIONNEL 2 AUX LIMITES* | *BOUNDARY DIRECTIONAL SPREAD 2* |
| *ETALEMENT DIRECTIONNEL 2 INITIAL* | *INITIAL DIRECTIONAL SPREAD 2* |
| *EXECUTABLE PAR DEFAUT* | *DEFAULT EXECUTABLE* |
| *EXECUTABLE PARALLELE PAR DEFAUT* | *DEFAULT PARALLEL EXECUTABLE* |
| *FACTEUR DE PIC AUX LIMITES* | *BOUNDARY PEAK FACTOR* |
| *FACTEUR DE PIC INITIAL* | *INITIAL PEAK FACTOR* |
| *FACTEUR DE PONDERATION POUR FRA AUX LIMITES* | *BOUNDARY WEIGHTING FACTOR FOR ADF* |
| *FACTEUR DE PONDERATION POUR FRA INITIALE* | *INITIAL WEIGHTING FACTOR FOR ADF* |
| *FACTEUR DE QUEUE DU SPECTRE* | *SPECTRUM TAIL FACTOR* |
| *FICHIER BINAIRE 1* | *BINARY FILE 1* |
| *FICHIER DE GEOMETRIE* | *GEOMETRY FILE* |
| *FICHIER DE REFERENCE* | *REFERENCE FILE* |
| *FICHIER DES CONDITIONS AUX LIMITES* | *BOUNDARY CONDITIONS FILE* |
| *FICHIER DES COURANTS BINAIRE* | *BINARY CURRENTS FILE* |
| *FICHIER DES COURANTS FORMATE* | *FORMATTED CURRENTS FILE* |
| *FICHIER DES FONDS* | *BOTTOM TOPOGRAPHY FILE* |
| *FICHIER DES PARAMETRES* | *STEERING FILE* |
| *FICHIER DES RESULTATS 2D* | *2D RESULTS FILE* |
| *FICHIER DES RESULTATS GLOBAUX* | *GLOBAL RESULT FILE* |
| *FICHIER DES RESULTATS PONCTUELS* | *PUNCTUAL RESULTS FILE* |
| *FICHIER DES VENTS BINAIRE* | *BINARY WINDS FILE* |
| *FICHIER DES VENTS FORMATE* | *FORMATTED WINDS FILE* |
| *FICHIER DU CALCUL PRECEDENT* | *PREVIOUS COMPUTATION FILE* |
| *FICHIER DU NIVEAU DE LA MAREE BINAIRE* | *BINARY TIDAL WATER LEVEL FILE* |
| *FICHIER DU NIVEAU DE LA MAREE FORMATE* | *FORMATTED TIDAL WATER LEVEL FILE* |
| *FICHIER FORMATE 1* | *FORMATTED FILE 1* |
| *FICHIER FORTRAN* | *FORTRAN FILE* |
| *FILTRE POUR DIFFRACTION* | *DIFFRACTION FILTER* |
| *FONCTION DE REPARTITION ANGULAIRE AUX LIMITES* | *BOUNDARY ANGULAR DISTRIBUTION FUNCTION* |
| *FONCTION DE REPARTITION ANGULAIRE INITIALE* | *INITIAL ANGULAR DISTRIBUTION FUNCTION* |
| *FORMAT DU FICHIER DE GEOMETRIE* | *GEOMETRY FILE FORMAT* |
| *FORMAT DU FICHIER DE DONNEES BINAIRE 1* | *BINARY DATA FILE 1 FORMAT* |
| *FORMAT DU FICHIER DE REFERENCE* | *REFERENCE FILE FORMAT* |
| *FORMAT DU FICHIER DE RESULTATS* | *RESULTS FILE FORMAT* |
| *FORMAT DU FICHIER DE SPECTRE* | *SPECTRUM FILE FORMAT* |
| *FORMAT DU FICHIER DES COURANTS* | *CURRENTS FILE FORMAT* |
| *FORMAT DU FICHIER DES VENTS* | *WINDS FILE FORMAT* |
| *FORMAT DU FICHIER DU CALCUL PRECEDENT* | *PREVIOUS COMPUTATION FILE FORMAT* |
| *FORMAT DU FICHIER DU NIVEAU DE LA MAREE* | *TIDAL WATER LEVEL FILE FORMAT* |
| *FREQUENCE DE PIC AUX LIMITES* | *BOUNDARY PEAK FREQUENCY* |
| *FREQUENCE DE PIC INITIALE* | *INITIAL PEAK FREQUENCY* |
| *FREQUENCE DE PIC MAXIMALE AUX LIMITES* | *BOUNDARY MAXIMUM PEAK FREQUENCY* |
| *FREQUENCE DE PIC MAXIMALE INITIALE* | *INITIAL MAXIMUM PEAK FREQUENCY* |
| *FREQUENCE MINIMALE* | *MINIMAL FREQUENCY* |
| *HAUTEUR SIGNIFICATIVE AUX LIMITES* | *BOUNDARY SIGNIFICANT WAVE HEIGHT* |
| *HAUTEUR SIGNIFICATIVE INITIALE* | *INITIAL SIGNIFICANT WAVE HEIGHT* |
| *LIMITEUR DE CROISSANCE* | *WAVE GROWTH LIMITER* |
| *LISSAGES DU FOND* | *BOTTOM SMOOTHINGS* |
| *LISTE DES FICHIERS* | *LIST OF FILES* |
| *LONGUEUR DU VECTEUR* | *VECTOR LENGTH* |
| *DENSITE DE LAIR* | *AIR DENSITY* |
| *DENSITE DE LEAU* | *WATER DENSITY* |
| *NOMBRE DE DIRECTIONS* | *NUMBER OF DIRECTIONS* |
| *NOMBRE DE FREQUENCES* | *NUMBER OF FREQUENCIES* |
| *NOMBRE DE PAS DE TEMPS* | *NUMBER OF TIME STEP* |
| *NOMBRE DE SOUS-ITERATIONS POUR LES TERMES SOURCES* | *NUMBER OF ITERATIONS FOR THE SOURCE TERMS* |
| *NOMBRE DE SOUS-PAS DE TEMPS POUR LE DEFERLEMENT* | *NUMBER OF BREAKING TIME STEPS* |
| *NOMBRE DE TABLEAUX PRIVES* | *NUMBER OF PRIVATE ARRAYS* |
| *NUMERO DE LA PREMIERE ITERATION POUR LES SORTIES GRAPHIQUES* | *NUMBER OF FIRST ITERATION FOR GRAPHICS PRINTOUTS* |
| *NUMERO DE VERSION* | *RELEASE* |
| *NUMERO DU PAS DE TEMPS DU FICHIER TELEMAC* | *TIME INCREMENT NUMBER IN TELEMAC FILE* |
| *ORDONNEES DES POINTS DE SORTIE DU SPECTRE* | *ORDINATES OF SPECTRUM PRINTOUT POINTS* |
| *PARAMETRE DE LA CONFIGURATION STANDARD* | *STANDARD CONFIGURATION PARAMETER* |
| *PAS DE TEMPS* | *TIME STEP* |
| *PAS DE TEMPS DEBUT DIFFRACTION* | *STARTING TIME STEP FOR DIFFRACTION* |
| *PERIODE DACTUALISATION DE LA MAREE* | *TIDE REFRESHING PERIOD* |
| *PERIODE POUR LES SORTIES GRAPHIQUES* | *PERIOD FOR GRAPHIC PRINTOUTS* |
| *PERIODE POUR LES SORTIES LISTING* | *PERIOD FOR LISTING PRINTOUTS* |
| *PRISE EN COMPTE DE LA MAREE* | *CONSIDERATION OF TIDE* |
| *PRISE EN COMPTE DE LA PROPAGATION* | *CONSIDERATION OF PROPAGATION* |
| *PRISE EN COMPTE DE LA VEGETATION* | *VEGETATION TAKEN INTO ACCOUNT* |
| *PRISE EN COMPTE DES TERMES SOURCES* | *CONSIDERATION OF SOURCE TERMS* |
| *PRISE EN COMPTE DU VENT* | *CONSIDERATION OF A WIND* |
| *PRISE EN COMPTE DUN COURANT STATIONNAIRE* | *CONSIDERATION OF A STATIONARY CURRENT* |
| *PROCESSEURS PARALLELES* | *PARALLEL PROCESSORS* |
| *PROFONDEUR DEAU MINIMALE* | *MINIMUM WATER DEPTH* |
| *PROFONDEUR INFINIE* | *INFINITE DEPTH* |
| *RAISON FREQUENTIELLE* | *FREQUENTIAL RATIO* |
| *RANG DE LA DONNEE TELEMAC A RECUPERER* | *RANK OF THE TELEMAC DATA ITEM TO BE RECOVERED* |
| *RANG DU NIVEAU DE LA MAREE DANS LE FICHIER TELEMAC* | *RANK OF THE WATER LEVEL DATA IN THE TELEMAC FILE* |
| *RECUPERATION DE DONNEE TELEMAC* | *RECOVERY OF TELEMAC DATA ITEM* |
| *REGLAGE POUR INTEGRATION SUR OMEGA1* | *SETTING FOR INTEGRATION ON OMEGA1* |
| *REGLAGE POUR INTEGRATION SUR OMEGA1* | *SETTING FOR INTEGRATION ON OMEGA2* |
| *REGLAGE POUR INTEGRATION SUR THETA1* | *SETTING FOR INTEGRATION ON THETA1* |
| *SEUIL DENERGIE CONSIDERE POUR LE SPECTRE* | *SPECTRUM ENERGY THRESHOLD* |
| *SEUIL DE SATURATION POUR LA DISSIPATION* | *SATURATION THRESHOLD FOR THE DISSIPATION* |
| *SEUIL0 ELIMINATION DES CONFIGURATIONS* | *THRESHOLD0 FOR CONFIGURATIONS ELIMINATION* |
| *SEUIL1 ELIMINATION DES CONFIGURATIONS* | *THRESHOLD1 FOR CONFIGURATIONS ELIMINATION* |
| *SEUIL2 ELIMINATION DES CONFIGURATIONS* | *THRESHOLD2 FOR CONFIGURATIONS ELIMINATION* |
| *SEUIL DE VARIANCE CONSIDEREE POUR DIFFRACTION* | *VARIANCE THRESHOLD FOR DIFFRACTION* | |
| *SORTIE GLOBALE A LA FIN* | *GLOBAL OUTPUT AT THE END* | |
| *SPECTRE AUX LIMITES MODIFIE PAR LUTILISATEUR* | *LIMIT SPECTRUM MODIFIED BY USER* | |
| *SUITE DE CALCUL* | *NEXT COMPUTATION* | |
| *TITRE* | *TITLE* | |
| *TRANSFERTS ENTRE TRIPLETS DE FREQUENCES* | *TRIAD INTERACTIONS* | |
| *TRANSFERTS NON LINEAIRES INTER-FREQUENCES* | *NON-LINEAR TRANSFERS BETWEEN FREQUENCIES* | |
| *TRIADS 1 (LTA) CONSTANTE ALPHA* | *TRIADS 1 (LTA) COEFFICIENT ALPHA* | |
| *TRIADS 1 (LTA) CONSTANTE RFMLTA* | *TRIADS 1 (LTA) COEFFICIENT RFMLTA* | |
| *TRIADS 2 (SPB) BORNE DIRECTIONNELLE INFERIEURE* | *TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY* | |
| *TRIADS 2 (SPB) BORNE DIRECTIONNELLE SUPERIEURE* | *TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY* | |
| *TRIADS 2 (SPB) CONSTANTE K* | *TRIADS 2 (SPB) COEFFICIENT K* | |
| *TYPE DE SPECTRE DIRECTIONNEL AUX LIMITES* | *TYPE OF BOUNDARY DIRECTIONAL SPECTRUM* | |
| *TYPE DE SPECTRE DIRECTIONNEL INITIAL* | *TYPE OF INITIAL DIRECTIONAL SPECTRUM* | |
| *VALEUR AUX LIMITES DE SIGMA-A POUR SPECTRE* | *BOUNDARY SPECTRUM VALUE OF SIGMA-A* | |
| *VALEUR AUX LIMITES DE SIGMA-B POUR SPECTRE* | *BOUNDARY SPECTRUM VALUE OF SIGMA-B* | |
| *VALEUR INITIALE DE SIGMA-A POUR SPECTRE* | *INITIAL VALUE OF SIGMA-A FOR SPECTRUM* | |
| *VALEUR INITIALE DE SIGMA-B POUR SPECTRE* | *INITIAL VALUE OF SIGMA-B FOR SPECTRUM* | |
| *VALEUR MAXIMALE DU RAPPORT HM0 SUR D* | *MAXIMUM VALUE OF THE RATIO HM0 ON D* | |
| *VALEUR MOYENNE DU FETCH AUX LIMITES* | *BOUNDARY MEAN FETCH VALUE* | |
| *VALEUR MOYENNE DU FETCH INITIAL* | *INITIAL MEAN FETCH VALUE* | |
| *VALIDATION* | *VALIDATION* | |
| *VARIABLES POUR LES SORTIES GRAPHIQUES 2D* | *VARIABLES FOR 2D GRAPHIC PRINTOUTS* | |
| *VENT STATIONNAIRE* | *STATIONARY WIND* | |
| *VITESSE DU VENT SUIVANT X* | *WIND VELOCITY ALONG X* | |
| *VITESSE DU VENT SUIVANT Y* | *WIND VELOCITY ALONG Y* | |

# english/FRENCH GLOSSARY OF KEYWORDS

|  |  |
| --- | --- |
| *2D RESULTS FILE* | *FICHIER DES RESULTATS 2D* |
| *2D RESULTS FILE BINARY* | *BINAIRE DU FICHIER DES RESULTATS 2D* |
| *ABSCISSAE OF SPECTRUM PRINTOUT POINTS* | *ABSCISSES DES POINTS DE SORTIE DU SPECTRE* |
| *AIR DENSITY* | *DENSITE DE LAIR* |
| *BINARY CURRENTS FILE* | *FICHIER DES COURANTS BINAIRE* |
| *BINARY DATA FILE 1 FORMAT* | *FORMAT DU FICHIER DE DONNEES BINAIRE 1* |
| *BINARY FILE 1* | *FICHIER BINAIRE 1* |
| *BINARY FILE 1 BINARY* | *BINAIRE DU FICHIER BINAIRE 1* |
| *BINARY TIDAL WATER LEVEL FILE* | *FICHIER DU NIVEAU DE LA MAREE BINAIRE* |
| *BINARY WINDS FILE* | *FICHIER DES VENTS BINAIRE* |
| *BOTTOM FRICTION COEFFICIENT* | *COEFFICIENT DE FROTTEMENT SUR LE FOND* |
| *BOTTOM FRICTION DISSIPATION* | *DISSIPATION PAR FROTTEMENT SUR LE FOND* |
| *BOTTOM SMOOTHINGS* | *LISSAGES DU FOND* |
| *BOTTOM TOPOGRAPHY FILE* | *FICHIER DES FONDS* |
| *BOUNDARY ANGULAR DISTRIBUTION FUNCTION* | *FONCTION DE REPARTITION ANGULAIRE AUX LIMITES* |
| *BOUNDARY CONDITIONS FILE* | *FICHIER DES CONDITIONS AUX LIMITES* |
| *BOUNDARY DIRECTIONAL SPREAD 1* | *ETALEMENT DIRECTIONNEL 1 AUX LIMITES* |
| *BOUNDARY DIRECTIONAL SPREAD 2* | *ETALEMENT DIRECTIONNEL 2 AUX LIMITES* |
| *BOUNDARY MAIN DIRECTION 1* | *DIRECTION PRINCIPALE 1 AUX LIMITES* |
| *BOUNDARY MAIN DIRECTION 2* | *DIRECTION PRINCIPALE 2 AUX LIMITES* |
| *BOUNDARY MAXIMUM PEAK FREQUENCY* | *FREQUENCE DE PIC MAXIMALE AUX LIMITES* |
| *BOUNDARY MEAN FETCH VALUE* | *VALEUR MOYENNE DU FETCH AUX LIMITES* |
| *BOUNDARY PEAK FACTOR* | *FACTEUR DE PIC AUX LIMITES* |
| *BOUNDARY PEAK FREQUENCY* | *FREQUENCE DE PIC AUX LIMITES* |
| *BOUNDARY PHILLIPS CONSTANT* | *CONSTANTE DE PHILLIPS AUX LIMITES* |
| *BOUNDARY SIGNIFICANT WAVE HEIGHT* | *HAUTEUR SIGNIFICATIVE AUX LIMITES* |
| *BOUNDARY SPECTRUM VALUE OF SIGMA-A* | *VALEUR AUX LIMITES DE SIGMA-A POUR SPECTRE* |
| *BOUNDARY SPECTRUM VALUE OF SIGMA-B* | *VALEUR AUX LIMITES DE SIGMA-B POUR SPECTRE* |
| *BOUNDARY WEIGHTING FACTOR FOR ADF* | *FACTEUR DE PONDERATION POUR FRA AUX LIMITES* |
| *CHARNOCK CONSTANT* | *CONSTANTE DE CHARNOCK* |
| *COEFFICIENT OF THE TIME SUB-INCREMENTS FOR BREAKING* | *COEFFICIENT POUR LES SOUS-PAS DE TEMPS POUR LE DEFERLEMENT* |
| *CONSIDERATION OF A STATIONARY CURRENT* | *PRISE EN COMPTE DUN COURANT STATIONNAIRE* |
| *CONSIDERATION OF A WIND* | *PRISE EN COMPTE DU VENT* |
| *CONSIDERATION OF PROPAGATION* | *PRISE EN COMPTE DE LA PROPAGATION* |
| *CONSIDERATION OF SOURCE TERMS* | *PRISE EN COMPTE DES TERMES SOURCES* |
| *CONSIDERATION OF TIDE* | *PRISE EN COMPTE DE LA MAREE* |
| *CURRENTS FILE BINARY* | *BINAIRE DU FICHIER DES COURANTS* |
| *CURRENTS FILE FORMAT* | *FORMAT DU FICHIER DES COURANTS* |
| *DATE OF COMPUTATION BEGINNING* | *DATE DE DEBUT DU CALCUL* |
| *DEFAULT EXECUTABLE* | *EXECUTABLE PAR DEFAUT* |
| *DEFAULT PARALLEL EXECUTABLE* | *EXECUTABLE PARALLELE PAR DEFAUT* |
| *DEPTH-INDUCED BREAKING 1 (BJ) CHARACTERISTIC FREQUENCY* | *DEFERLEMENT 1 (BJ) CHOIX FREQUENCE CARACTERISTIQUE* |
| *DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT ALPHA* | *DEFERLEMENT 1 (BJ) CONSTANTE ALPHA* |
| *DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA1* | *DEFERLEMENT 1 (BJ) CONSTANTE GAMMA1* |
| *DEPTH-INDUCED BREAKING 1 (BJ) COEFFICIENT GAMMA2* | *DEFERLEMENT 1 (BJ) CONSTANTE GAMMA2* |
| *DEPTH-INDUCED BREAKING 1 (BJ) HM COMPUTATION METHOD* | *DEFERLEMENT 1 (BJ) MODE DE CALCUL DE HM* |
| *DEPTH-INDUCED BREAKING 1 (BJ) QB COMPUTATION METHOD* | *DEFERLEMENT 1 (BJ) MODE DE CALCUL DE QB* |
| *DEPTH-INDUCED BREAKING 2 (TG) CHARACTERISTIC FREQUENCY* | *DEFERLEMENT 2 (TG) CHOIX FREQUENCE CARACTERISTIQUE* |
| *DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT B* | *DEFERLEMENT 2 (TG) CONSTANTE B* |
| *DEPTH-INDUCED BREAKING 2 (TG) COEFFICIENT GAMMA* | *DEFERLEMENT 2 (TG) CONSTANTE GAMMA* |
| *DEPTH-INDUCED BREAKING 2 (TG) WEIGHTING FUNCTION* | *DEFERLEMENT 2 (TG) FONCTION DE PONDERATION* |
| *DEPTH-INDUCED BREAKING 3 (RO) CHARACTERISTIC FREQUENCY* | *DEFERLEMENT 3 (RO) CHOIX FREQUENCE CARACTERISTIQUE* |
| *DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT ALPHA* | *DEFERLEMENT 3 (RO) CONSTANTE ALPHA* |
| *DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA* | *DEFERLEMENT 3 (RO) CONSTANTE GAMMA* |
| *DEPTH-INDUCED BREAKING 3 (RO) COEFFICIENT GAMMA2* | *DEFERLEMENT 3 (RO) CONSTANTE GAMMA2* |
| *DEPTH-INDUCED BREAKING 3 (RO) EXPONENT WEIGHTING FUNCTION* | *DEFERLEMENT 3 (RO) EXPOSANT FONCTION DE PONDERATION* |
| *DEPTH-INDUCED BREAKING 3 (RO) WAVE HEIGHT DISTRIBUTION* | *DEFERLEMENT 3 (RO) DISTRIBUTION DES HAUTEURS DE HOULE* |
| *DEPTH-INDUCED BREAKING 4 (IH) CHARACTERISTIC FREQUENCY* | *DEFERLEMENT 4 (IH) CHOIX FREQUENCE CARACTERISTIQUE* |
| *DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT BETA0* | *DEFERLEMENT 4 (IH) CONSTANTE BETA0* |
| *DEPTH-INDUCED BREAKING 4 (IH) COEFFICIENT M2STAR* | *DEFERLEMENT 4 (IH) CONSTANTE M2STAR* |
| *DEPTH-INDUCED BREAKING DISSIPATION* | *DISSIPATION PAR DEFERLEMENT* |
| *DESCRIPTION OF LIBRARIES* | *DESCRIPTION DES LIBRAIRIES* |
| *DICTIONARY* | *DICTIONNAIRE* |
| *DIFFRACTION* | *DIFFRACTION* |
| *DIFFRACTION FILTER* | *FILTRE POUR DIFFRACTION* |
| *DISSIPATION BY STRONG CURRENT* | *DISSIPATION PAR FORT COURANT* |
| *DISSIPATION COEFFICIENT FOR STRONG CURRENT* | *COEFFICIENT DE DISSIPATION PAR FORT COURANT* |
| *FORMATTED CURRENTS FILE* | *FICHIER DES COURANTS FORMATE* |
| *FORMATTED FILE 1* | *FICHIER FORMATE 1* |
| *FORMATTED TIDAL WATER LEVEL FILE* | *FICHIER DU NIVEAU DE LA MAREE FORMATE* |
| *FORMATTED WINDS FILE* | *FICHIER DES VENTS FORMATE* |
| *FORTRAN FILE* | *FICHIER FORTRAN* |
| *FREQUENTIAL RATIO* | *RAISON FREQUENTIELLE* |
| *GEOMETRY FILE* | *FICHIER DE GEOMETRIE* |
| *GEOMETRY FILE BINARY* | *BINAIRE DU FICHIER DE GEOMETRIE* |
| *GEOMETRY FILE FORMAT* | *FORMAT DU FICHIER DE GEOMETRIE* |
| *GLOBAL OUTPUT AT THE END* | *SORTIE GLOBALE A LA FIN* |
| *GLOBAL RESULT FILE* | *FICHIER DES RESULTATS GLOBAUX* |
| *GLOBAL RESULT FILE BINARY* | *BINAIRE DU FICHIER DES RESULTATS GLOBAUX* |
| *IMPLICITATION COEFFICIENT FOR SOURCE TERMS* | *COEFFICIENT IMPLICITATION POUR TERMES SOURCES* |
| *INFINITE DEPTH* | *PROFONDEUR INFINIE* |
| *INITIAL ANGULAR DISTRIBUTION FUNCTION* | *FONCTION DE REPARTITION ANGULAIRE INITIALE* |
| *INITIAL DIRECTIONAL SPREAD 1* | *ETALEMENT DIRECTIONNEL 1 INITIAL* |
| *INITIAL DIRECTIONAL SPREAD 2* | *ETALEMENT DIRECTIONNEL 2 INITIAL* |
| *INITIAL MAIN DIRECTION 1* | *DIRECTION PRINCIPALE 1 INITIALE* |
| *INITIAL MAIN DIRECTION 2* | *DIRECTION PRINCIPALE 2 INITIALE* |
| *INITIAL MAXIMUM PEAK FREQUENCY* | *FREQUENCE DE PIC MAXIMALE INITIALE* |
| *INITIAL MEAN FETCH VALUE* | *VALEUR MOYENNE DU FETCH INITIAL* |
| *INITIAL PEAK FACTOR* | *FACTEUR DE PIC INITIAL* |
| *INITIAL PEAK FREQUENCY* | *FREQUENCE DE PIC INITIALE* |
| *INITIAL PHILLIPS CONSTANT* | *CONSTANTE DE PHILLIPS INITIALE* |
| *INITIAL SIGNIFICANT WAVE HEIGHT* | *HAUTEUR SIGNIFICATIVE INITIALE* |
| *INITIAL STILL WATER LEVEL* | *COTE INITIALE DU PLAN DEAU AU REPOS* |
| *INITIAL VALUE OF SIGMA-A FOR SPECTRUM* | *VALEUR INITIALE DE SIGMA-A POUR SPECTRE* |
| *INITIAL VALUE OF SIGMA-B FOR SPECTRUM* | *VALEUR INITIALE DE SIGMA-B POUR SPECTRE* |
| *INITIAL WEIGHTING FACTOR FOR ADF* | *FACTEUR DE PONDERATION POUR FRA INITIALE* |
| *LIMIT SPECTRUM MODIFIED BY USER* | *SPECTRE AUX LIMITES MODIFIE PAR LUTILISATEUR* |
| *LINEAR WAVE GROWTH* | *CROISSANCE LINEAIRE DES VAGUES* |
| *LIST OF FILES* | *LISTE DES FICHIERS* |
| *MAXIMUM VALUE OF THE RATIO HM0 ON D* | *VALEUR MAXIMALE DU RAPPORT HM0 SUR D* |
| *MINIMAL FREQUENCY* | *FREQUENCE MINIMALE* |
| *MINIMUM WATER DEPTH* | *PROFONDEUR DEAU MINIMALE* |
| *NEXT COMPUTATION* | *SUITE DE CALCUL* |
| *NON-LINEAR TRANSFERS BETWEEN FREQUENCIES* | *TRANSFERTS NON LINEAIRES INTER-FREQUENCES* |
| *NUMBER OF BREAKING TIME STEPS* | *NOMBRE DE SOUS-PAS DE TEMPS POUR LE DEFERLEMENT* |
| *NUMBER OF DIRECTIONS* | *NOMBRE DE DIRECTIONS* |
| *NUMBER OF FIRST ITERATION FOR GRAPHICS PRINTOUTS* | *NUMERO DE LA PREMIERE ITERATION POUR LES SORTIES GRAPHIQUES* |
| *NUMBER OF FREQUENCIES* | *NOMBRE DE FREQUENCES* |
| *NUMBER OF ITERATIONS FOR THE SOURCE TERMS* | *NOMBRE DE SOUS-ITERATIONS POUR LES TERMES SOURCES* |
| *NUMBER OF PRIVATE ARRAYS* | *NOMBRE DE TABLEAUX PRIVES* |
| *NUMBER OF TIME STEP* | *NOMBRE DE PAS DE TEMPS* |
| *ORDINATES OF SPECTRUM PRINTOUT POINTS* | *ORDONNEES DES POINTS DE SORTIE DU SPECTRE* |
| *PARALLEL PROCESSORS* | *PROCESSEURS PARALLELES* |
| *PERIOD FOR GRAPHIC PRINTOUTS* | *PERIODE POUR LES SORTIES GRAPHIQUES* |
| *PERIOD FOR LISTING PRINTOUTS* | *PERIODE POUR LES SORTIES LISTING* |
| *PREVIOUS COMPUTATION FILE* | *FICHIER DU CALCUL PRECEDENT* |
| *PREVIOUS COMPUTATION FILE BINARY* | *BINAIRE DU FICHIER DU CALCUL PRECEDENT* |
| *PUNCTUAL RESULTS FILE* | *FICHIER DES RESULTATS PONCTUELS* |
| *PUNCTUAL RESULTS FILE BINARY* | *BINAIRE DU FICHIER DES RESULTATS PONCTUELS* |
| *RANK OF THE TELEMAC DATA ITEM TO BE RECOVERED* | *RANG DE LA DONNEE TELEMAC A RECUPERER* |
| *RANK OF THE WATER LEVEL DATA IN THE TELEMAC FILE* | *RANG DU NIVEAU DE LA MAREE DANS LE FICHIER TELEMAC* |
| *RECOVERY OF TELEMAC DATA ITEM* | *RECUPERATION DE DONNEE TELEMAC* |
| *REFERENCE FILE FORMAT* | *FORMAT DU FICHIER DE REFERENCE* |
| *SATURATION THRESHOLD FOR THE DISSIPATION* | *SEUIL DE SATURATION POUR LA DISSIPATION* |
| *SETTING FOR INTEGRATION ON OMEGA1* | *REGLAGE POUR INTEGRATION SUR OMEGA1* |
| *SETTING FOR INTEGRATION ON OMEGA1* | *REGLAGE POUR INTEGRATION SUR OMEGA2* |
| *SETTING FOR INTEGRATION ON THETA1* | *REGLAGE POUR INTEGRATION SUR THETA1* |
| *RELEASE* | *NUMERO DE VERSION* |
| *SHIFT GROWING CURVE DUE TO WIND* | *DECALAGE COURBE DE CROISSANCE DUE AU VENT* |
| *SPECTRUM FILE FORMAT* | *FORMAT DU FICHIER DE SPECTRE* |
| *SPECTRUM ENERGY THRESHOLD* | *SEUIL DENERGIE CONSIDERE POUR LE SPECTRE* |
| *SPECTRUM TAIL FACTOR* | *FACTEUR DE QUEUE DU SPECTRE* |
| *SPHERICAL COORDINATES* | *COORDONNEES SPHERIQUES* |
| *STANDARD CONFIGURATION PARAMETER* | *PARAMETRE DE LA CONFIGURATION STANDARD* |
| *STARTING TIME STEP FOR DIFFRACTION* | *PAS DE TEMPS DEBUT DIFFRACTION* |
| *STATIONARY WIND* | *VENT STATIONNAIRE* |
| *STEERING FILE* | *FICHIER DES PARAMETRES* |
| *THRESHOLD0 FOR CONFIGURATIONS ELIMINATION* | *SEUIL0 ELIMINATION DES CONFIGURATIONS* |
| *THRESHOLD1 FOR CONFIGURATIONS ELIMINATION* | *SEUIL1 ELIMINATION DES CONFIGURATIONS* |
| *THRESHOLD2 FOR CONFIGURATIONS ELIMINATION* | *SEUIL2 ELIMINATION DES CONFIGURATIONS* |
| *TIDAL WATER LEVEL FILE BINARY* | *BINAIRE DU FICHIER DU NIVEAU DE LA MAREE* |
| *TIDAL WATER LEVEL FILE FORMAT* | *FORMAT DU FICHIER DU NIVEAU DE LA MAREE* |
| *TIDE REFRESHING PERIOD* | *PERIODE DACTUALISATION DE LA MAREE* |
| *TIME INCREMENT NUMBER IN TELEMAC FILE* | *NUMERO DU PAS DE TEMPS DU FICHIER TELEMAC* |
| *TIME STEP* | *PAS DE TEMPS* |
| *TITLE* | *TITRE* |
| *TRIAD INTERACTIONS* | *TRANSFERTS ENTRE TRIPLETS DE FREQUENCES* |
| *TRIADS 1 (LTA) COEFFICIENT ALPHA* | *TRIADS 1 (LTA) CONSTANTE ALPHA* |
| *TRIADS 1 (LTA) COEFFICIENT RFMLTA* | *TRIADS 1 (LTA) CONSTANTE RFMLTA* |
| *TRIADS 2 (SPB) COEFFICIENT K* | *TRIADS 2 (SPB) CONSTANTE K* |
| *TRIADS 2 (SPB) LOWER DIRECTIONAL BOUNDARY* | *TRIADS 2 (SPB) BORNE DIRECTIONNELLE INFERIEURE* |
| *TRIADS 2 (SPB) UPPER DIRECTIONAL BOUNDARY* | *TRIADS 2 (SPB) BORNE DIRECTIONNELLE SUPERIEURE* |
| *TRIGONOMETRICAL CONVENTION* | *CONVENTION TRIGONOMETRIQUE* |
| *TYPE OF BOUNDARY DIRECTIONAL SPECTRUM* | *TYPE DE SPECTRE DIRECTIONNEL AUX LIMITES* |
| *TYPE OF INITIAL DIRECTIONAL SPECTRUM* | *TYPE DE SPECTRE DIRECTIONNEL INITIAL* |
| *VALIDATION* | *VALIDATION* |
| *REFERENCE FILE* | *FICHIER DE REFERENCE* |
| *VARIABLES FOR 2D GRAPHIC PRINTOUTS* | *VARIABLES POUR LES SORTIES GRAPHIQUES 2D* |
| *VARIANCE THRESHOLD FOR DIFFRACTION* | *SEUIL DE VARIANCE CONSIDEREE POUR DIFFRACTION* |
| *VEGETATION TAKEN INTO ACCOUNT* | *PRISE EN COMPTE DE LA VEGETATION* |
| *VECTOR LENGTH* | *LONGUEUR DU VECTEUR* |
| *VON KARMAN CONSTANT* | *CONSTANTE DE VON KARMAN* |
| *WATER DENSITY* | *DENSITE DE LEAU* |
| *WAVE GROWTH LIMITER* | *LIMITEUR DE CROISSANCE* |
| *WESTHUYSEN DISSIPATION COEFFICIENT* | *COEFFICIENT DE DISSIPATION DE WESTHUYSEN* |
| *WESTHUYSEN WEIGHTING COEFFICIENT* | *COEFFICIENT DE PONDERATION DE WESTHUYSEN* |
| *WESTHUYSEN WHITE CAPPING DISSIPATION* | *DISSIPATION PAR MOUTONNEMENT DE WESTHUYSEN* |
| *WHITE CAPPING DISSIPATION* | *DISSIPATION PAR MOUTONNEMENT* |
| *WHITE CAPPING DISSIPATION COEFFICIENT* | *COEFFICIENT DE DISSIPATION PAR MOUTONNEMENT* |
| *WHITE CAPPING WEIGHTING COEFFICIENT* | *COEFFICIENT DE PONDERATION POUR LE MOUTONNEMENT* |
| *WIND DRAG COEFFICIENT* | *COEFFICIENT DE TRAINEE DE VENT* |
| *WIND GENERATION* | *APPORTS DUS AU VENT* |
| *WIND GENERATION COEFFICIENT* | *COEFFICIENT DE GENERATION PAR LE VENT* |
| *WIND MEASUREMENTS LEVEL* | *COTE DE MESURE DES VENTS* |
| *WIND VELOCITY ALONG X* | *VITESSE DU VENT SUIVANT X* |
| *WIND VELOCITY ALONG Y* | *VITESSE DU VENT SUIVANT Y* |
| *WINDS FILE BINARY* | *BINAIRE DU FICHIER DES VENTS* |
| *WINDS FILE FORMAT* | *FORMAT DU FICHIER DES VENTS* |
| *YAN GENERATION COEFFICIENT D* | *COEFFICIENT DE GENERATION DE YAN D* |
| *YAN GENERATION COEFFICIENT E* | *COEFFICIENT DE GENERATION DE YAN E* |
| *YAN GENERATION COEFFICIENT F* | *COEFFICIENT DE GENERATION DE YAN F* |
| *YAN GENERATION COEFFICIENT H* | *COEFFICIENT DE GENERATION DE YAN H* |