

About the data format of current vector distribution and waves distribution

These data are stored in the following format.

(1) **File name** : YYYY_MM_DD_HH_02.cht

YYYY: year (4 digit)

MM: month (01~12)

DD: day (01~31)

HH: hour (00~23)

(2) **File format** : Text format

(3) **File contents** : Current vector , Waves (significant wave height, significant period)

(4) **Data format**

Lat Lon U_COMP V_COMP WaveHeigt WavePeriod WaveDir IY IX FLAG

Lat : (N:north latitude)

Latitude of lattice point

d. dddddddddddd

Example : lat. 33° 10' 20" N → 33.172222222222

Long : (E: east longitude)

Longitude of lattice point

d. dddddddddddd

Example : long. 132° 48' 11" E → 132.803055600000

U_COMP : East west component of current vector (eastern aspect is plus)

Unit: [cm/sec] , invalid data: [-999.9]

V_COMP : North south component of current vector (northern aspect is plus)

Unit: [cm/sec] , invalid data: [-999.9]

WaveHeigt : Significant wave height

Unit:[cm] , invalid data:[-999.9]

WavePeriod : Significant period

Unit:[sec] , invalid data:[-999.9]

WaveDir : Average wave height

Unit: [°] , invalid data: [-999.9] ※Not analyzing

IY : North south lattice point number

The lattice point number from a origin of the display coordinate system to east west.

IX : The number of East west lattice point

The number of lattice point from a origin of the display coordinate system to north south.

FLAG : The presence or absence of interpolation data

0 : actual measurement data , 16 : interpolation data