README for
Wave-glider Surface Meteorology Data during the YMC-BSM 2018
December 29, 2022

< Basic information >
Surface meteorological data were obtained by EasyJAMMET (consist of RPS8101 (pressure) at 0.8m MSL, MP102H (air temperature, relative humidity) at 0.9m MSL, Eppley SPP (shortwave radiation), Eppley PIR (longwave radiation) at 1.2m, Model 86106 (wind) at 1.2m MSL, and Vaisala WXT533 (precipitation) at 1.2m MSL), and Aanderaa 5860B (temperature, salinity) at -0.2m MSL. Original data were collected every 10-min, and hourly data were produced by averaging the period from 30-min before to 20-min after the hour.

< Data Format >
Data are stored in ASCII as (1x,a12,f8.3,2f8.2,9f8.1,f8.2) for the following parameters. Missing values are expressed as “9999.9”

Nominal time in UTC as YYYYMMDDHHmm
Julian Day
Longitude in degree East
Latitude in degree North
Pressure in hPa
Air Temperature in degree Celsius
Relative humidity in %
Precipitation in mm/hr
Zonal wind component in m/sec
Meridional wind component in m/sec
Downward shortwave radiation in W/m^2
Downward longwave radiation in W/m^2
Sea Surface Temperature in degree Celsius
Sea Surface Salinity in PSU

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