

Demonstration experiment of a handmade data logger at the summit of Mt. Fuji during the winter in 2013-2014

NITTA, Hidetoshi^{1*} ; KAMOGAWA, Masashi¹ ; ORIHARA, Yoshiaki¹ ; TOGO, Shoho¹ ; SUTO, Yushi¹ ; SUZUKI, Yuko¹ ; FUJIWARA, Hironobu² ; INAZAKI, Koji³

¹Dpt. of Phys., Tokyo Gakugei Univ., ²Jyoshiseigakuin High School, ³Higashiyamagiken

Global environmental issues are one of the most important problems to solve for human being. In order to solve these problems, environmental education (in school) is one of the significant action items. The long-term measurement of each environmental parameter is effective for the students to realize the environment change. However, it is difficult to operate the long-term observation for them because there is no data logger system, with enough flexibility, inexpensiveness, durability and convenience. Therefore, development of a data logger for students which satisfies several demands is required. Since we developed a handy data logger which can operate individually without a personal computer and whose power is supplied by the battery with solar charge equipment, we report the one-year results used at the top of the Mt. Fuji.

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