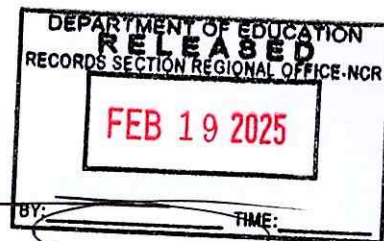




Republic of the Philippines
Department of Education
NATIONAL CAPITAL REGION



February 17, 2025

REGIONAL MEMORANDUM

No. 158, s. 2025

To: Schools Division Superintendents
Heads, School Health Section
All Others Concerned

**INFORMATION ON HEAT RELATED CASES AMONG PUBLIC PRIMARY AND
SECONDARY SCHOOLS IN THE NATIONAL CAPITAL REGION**

1. This is in reference to the attached letter from the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) regarding their request on data and/or information on heat related cases among public primary and secondary schools which occurred on the months of March-June 2024. Based on the aforementioned data, PAGASA will be install a heat monitoring instrument that will serve as the basis for identifying heat stress threshold.
2. For clarification regarding the request, please contact Wilmer Agustin by landline at 8284-0800 or by email at wilmer.agustin@pagasa.doct.gov.ph.
3. For information and guidance of all concerned.

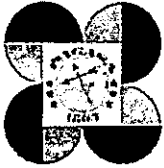

JOCELYN DR ANDAYA
Regional Director, NCR
Concurrent Officer-In-Charge
Office of the Assistant Secretary for
Operations

ESSD/SHNU



Address: 6 Misamis St., Bago Bantay, Quezon City
Email address: ncr@deped.gov.ph
Website: depedncr.com.ph





Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Philippine Atmospheric, Geophysical and
Astronomical Services Administration (PAGASA)



23 January 2025

Ms. JOCELYN DR. ANDAYA
Regional Director
Department of Education
6 Misamis Street, Bago Bantay,
1105 Quezon City, Philippines

Dear Director **Andaya**,

The Philippine Atmospheric, Geophysical and Astronomical Services Administration of the Department of Science and Technology (DOST-PAGASA), is mandated to provide adequate, up-to-date data, and timely information to help the government and the Filipino people prepare for weather and climate-related calamities. Extreme environmental heat is one such calamity, now further exacerbated by climate change, that endangers the lives of those most vulnerable among us, particularly the elderly, individuals with comorbidities, and children. As an initial step in addressing such threat, the DOST-PAGASA will be implementing a locally-funded project in 2025 titled *“Development of an Early Warning System for Monitoring, Forecasting, and Projecting Climate Change Impacts on Heat-Related Health Risks”* project, a.k.a. *Heat-Stress Index (HSI) project*.

To start the selection process for the study area, we transmitted a letter to Director Nenneth Esplana-Alama of the Disaster Risk Reduction and Management Services of DepEd on 04 December 2024 to request data and/or information on heat-health related cases among primary and secondary school students from various institutions in Metro Manila (more details on this is found in the attached letter to Dir. Esplana-Alama). Our request eventually went to Director Miguel Anjelo Mantaring of the Bureau of Learner Support Services of DepEd, who kindly suggested that we reach out to your good Office for the disaggregated data per public school of heat-health-related cases among students in NCR.

Using the above-mentioned data, we would be able to identify the public school in NCR that is most vulnerable to the effects of extreme heat during the warm period in the county (i.e., from March to June). Within the selected school (i.e., the study area), we will be installing a heat monitoring instrument. The collected data will serve as the basis for identifying heat stress thresholds relevant to the study area, and eventually be used in the future for the issuance of heat stress warnings. Related to this purpose, we hope to acquire our requested data on or before 07 February 2025 to allow us time for the installation and other pre-deployment procedures required for the monitoring instrument before the start of the warm season in March.

For clarifications regarding the request or for further details regarding the HSI project, please contact Mr. Wilmer Agustin by landline at 8284 0800 local 4906 or by email at wil.ags12@gmail.com or wilmer.agustin@pagasa.dost.gov.ph.

We look forward to your positive response and to future engagements with your good Office.

Thank you.

Very truly yours,


NATHANIEL T. SERVANDO, Ph.D.
Administrator

“tracking the sky...helping the country”



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Philippine Atmospheric, Geophysical and
Astronomical Services Administration (PAGASA)



04 December 2024

Dr. NENNETH ESPLANA-ALAMA

Director IV

Disaster Risk Reduction and Management Services

Department of Education

Dear Director **Esplana-Alama**,

The Philippine Atmospheric, Geophysical and Astronomical Services Administration of the Department of Science and Technology (DOST-PAGASA) is mandated to provide adequate, up-to-date data, and timely information to help the government and the Filipino people prepare for weather and climate-related calamities. Extreme environmental heat is one such calamity, now further exacerbated by climate change, that endangers the lives of those most vulnerable among us, particularly the elderly, individuals with comorbidities, and children. As an initial step in addressing such threat, the DOST-PAGASA will be implementing a locally-funded project in 2025 titled *"Development of an Early Warning System for Monitoring, Forecasting, and Projecting Climate Change Impacts on Heat-Related Health Risks"* project, a.k.a. *Heat-Stress Index (HSI) project*.

To enable the conduct of the HSI project, DOST-PAGASA is hereby respectfully **requesting from your good office data and/or information on heat-health-related cases among primary and secondary school students from various institutions in Metro Manila**. In particular, we seek for the following data/information, should these be readily available:

- A list of heat-health-related cases among students (i.e. manifestations of heat stress like vertigo, nose-bleeding incidents, and fainting) in various public schools within Metro Manila, preferably with the time *and* date of occurrence, and/or
- A listing or map of the public schools with the total number of reported incidents.

The data/information listed above shall be included among the references for the conduct of the HSI project, which shall start in January 2025. The project will be the prelude to a national-scale implementation, which we aim to conduct in collaboration with other concerned agencies, such as your good Office and the Department of Health. At present, a particularly vulnerable school in Metro Manila will be selected for the initial project.

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Science Garden Compound, Senator Miriam P. Defensor-Santiago Avenue,
Brgy. Central, Quezon City, Metro Manila, Philippines 1100

Trunkline No.: (+632) 8284-08-00
Website: <http://bagong.pagasa.dost.gov.ph>



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
**Philippine Atmospheric, Geophysical and
Astronomical Services Administration (PAGASA)**



For clarifications regarding the request, or for further details regarding the HSI project, please contact Mr. Wilmer Agustin through landline at 8284 0800 loc 4906 or you could send him an email through wil.ags12@gmail.com or wilmer.agustin@pagasa.dost.gov.ph.

We look forward to your positive response and to future engagements with your good Office.

Thank you.

Very truly yours,

NATHANIEL T. SERVANDO, Ph.D.
Administrator

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