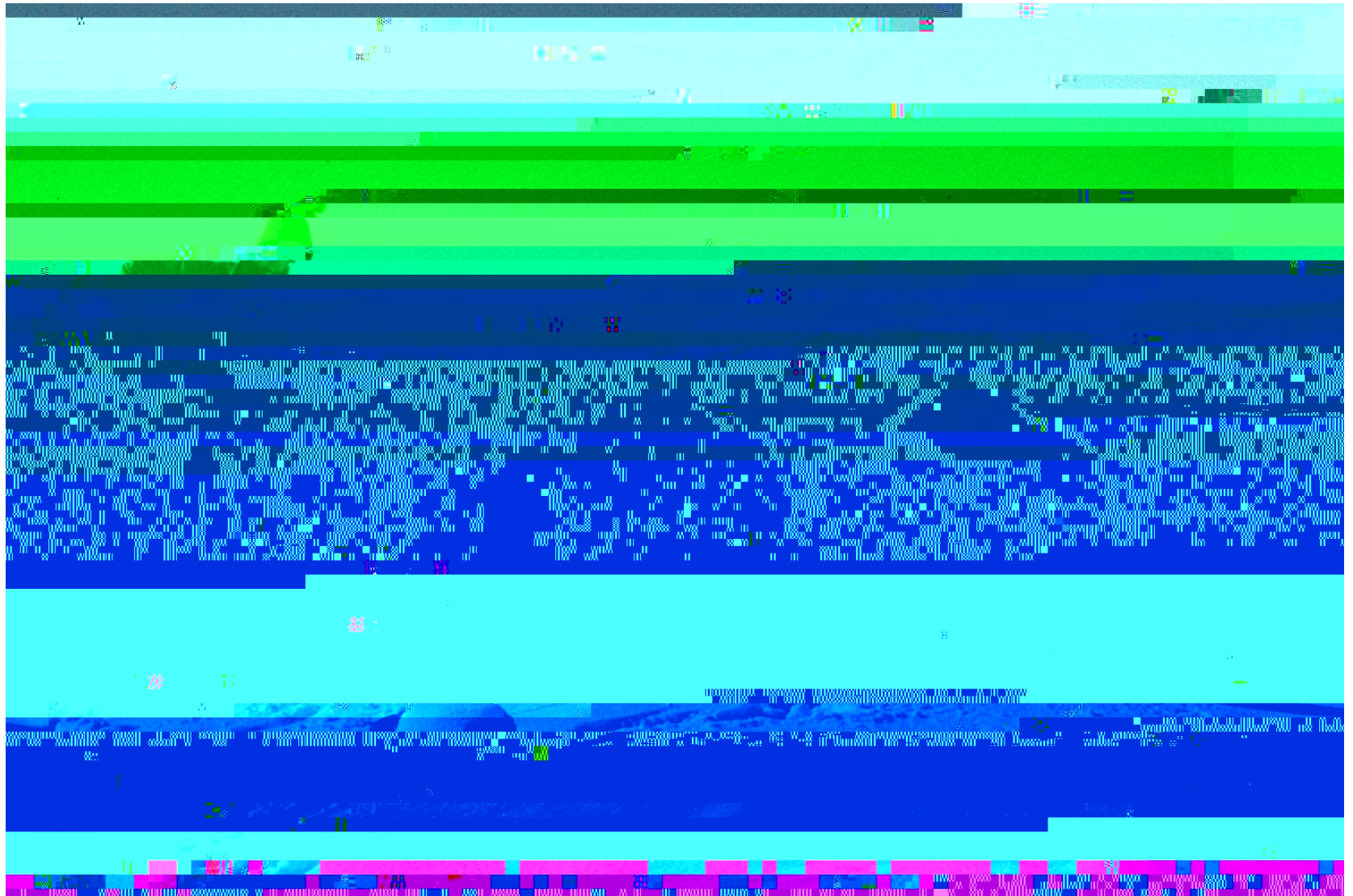


# Evolution of Science Support: Toolik Field Station 1980

John Hobbie  
Ecosystems Center  
Marine Biological Laboratory



Dormitories

# 1975-1987

Sampling of lakes, ponds, and streams began in summer 1975 (road newly opened) with goal of documenting aquatic organisms, water chemistry, processes. Tundra studies began after a few years. OPP and DOE projects.

Trucks rented at Prudhoe Bay, subcontract to UAF to send up food via air. This evolved into food and supply trucks from UAF support center.

Tent camp plus Vera Alexander IMS camper, used boats purchased in Fairbanks. In following years a series of used ATCO trailers purchased for cooking, sample preparation, eventually housing .

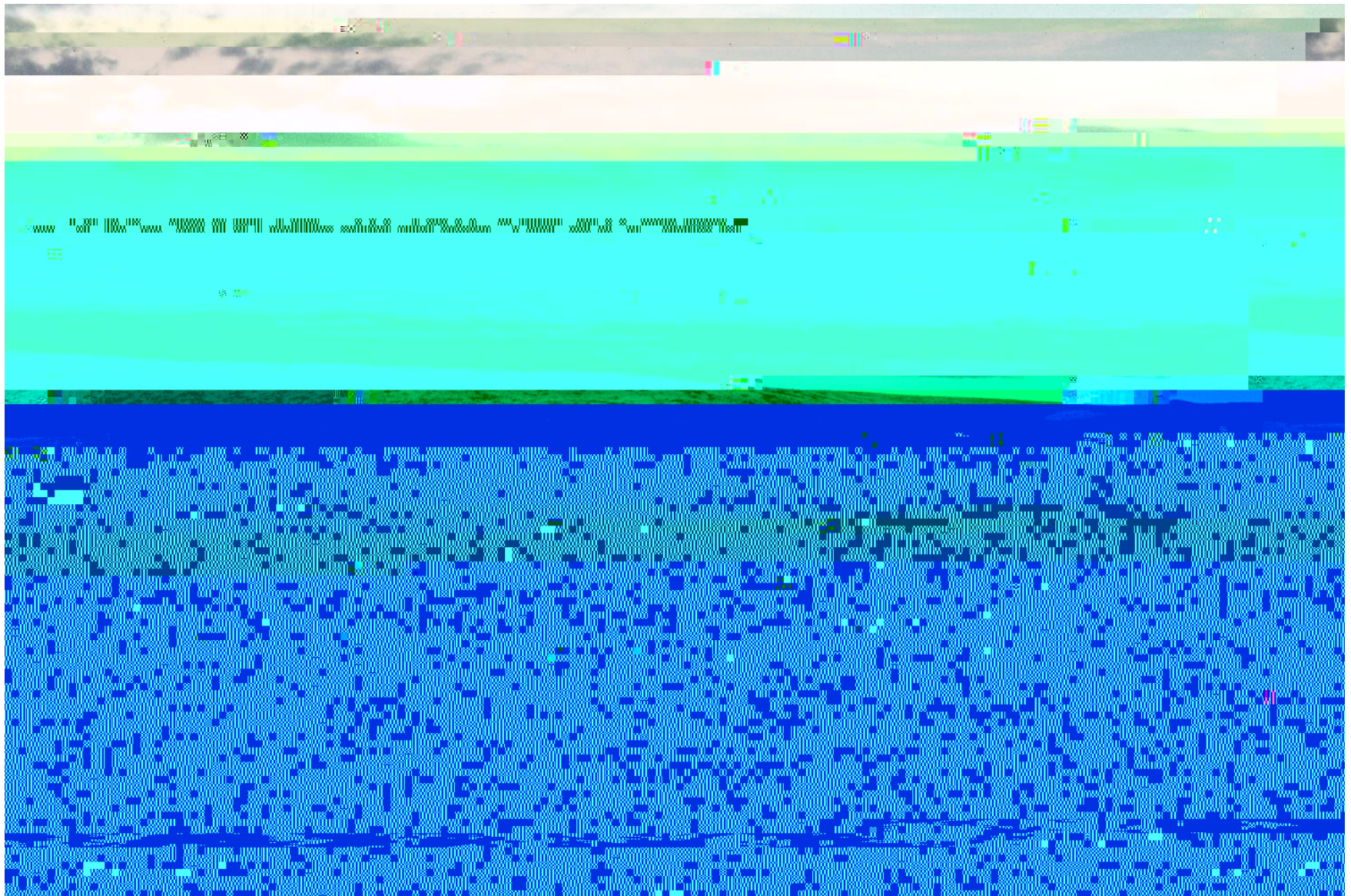
Electricity, emergency telephone courtesy of pipeline construction camp at first then small generators.

Philosophy: Any necessary field equipment purchased by grants and left overwinter in trailers. Science support emphasized travel logistics, room and board, science permits and supplies from UAF, and transport of samples. Data storage by individual projects. Climate station summer only.

# 1988-2000

NSF-Long Term Ecological Research (LTER) funded (6-yr grants, latest 2012). OPP project continued. Growth of many other NSF DEB and OPP projects (mostly short-term) on specific topics.

Emphasis on measuring biological, chemical, and physical cycles and basic arctic ecology with observations and manipulations (e.g.,



More Dormitories




# Evolution of Science Support at Toolik Field Station

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Ecosystems Center

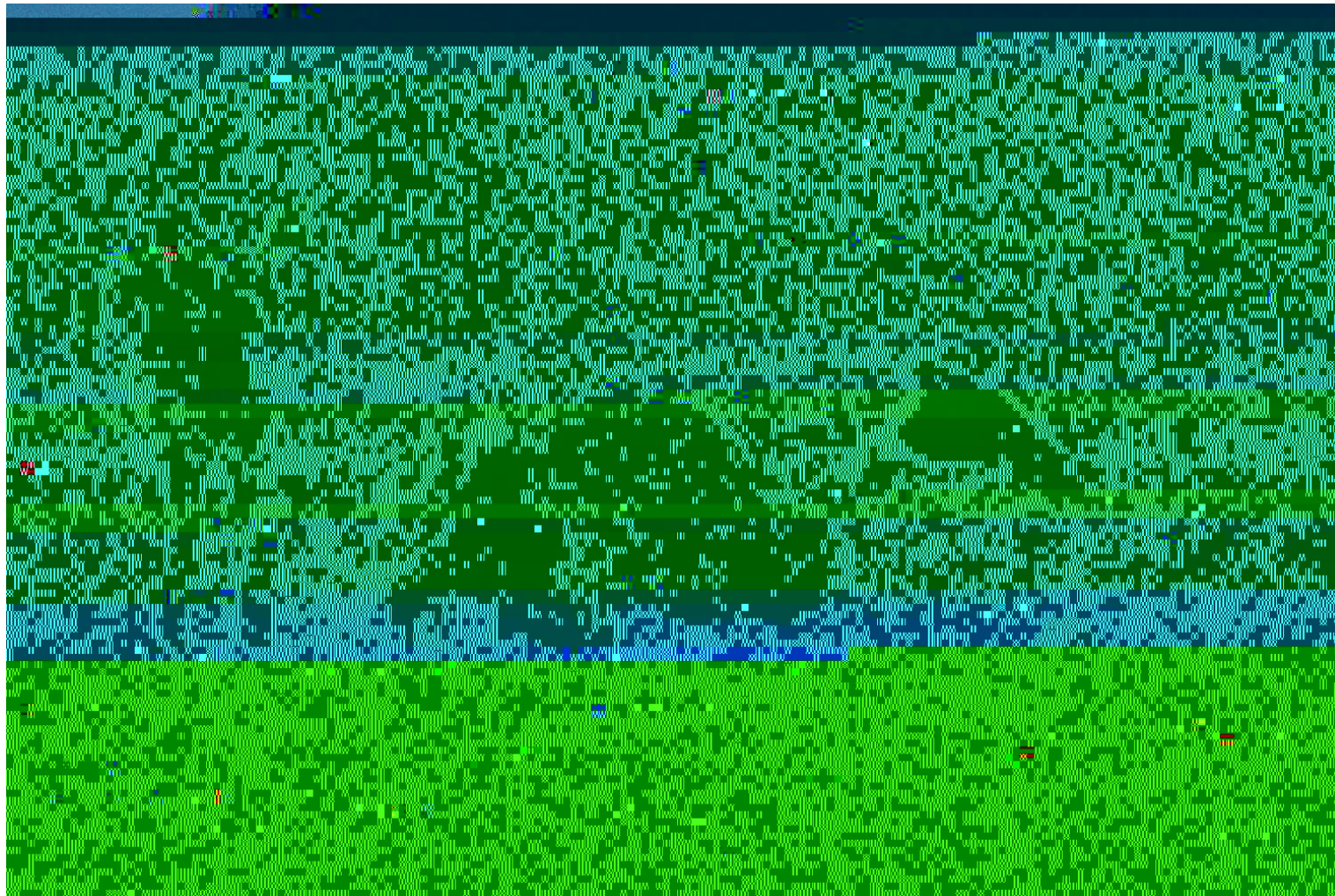
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Dormitories