

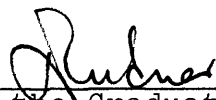
TRIGGERING MECHANISMS:
A CAUSE OF ATMOSPHERIC CHANGES

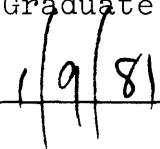
A Thesis
Presented to the Graduate Faculty
of Western Connecticut State College

by
Fred Lieberman

IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR THE DEGREE
MASTER OF SCIENCE


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For the Graduate Division


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TRIGGERING MECHANISMS:
A CAUSE OF ATMOSPHERIC CHANGES

Fred Lieberman

ABSTRACT

Triggering agents for climate and weather changes were investigated. The roles of eccentricity, obliquity, effective precessional motion, volcanic dust, solar variations, and planetary position were evaluated as meteorological agents. In addition, weather data supplied by the National Weather Service were used to determine the effects of the Moon on short-term weather changes.

The data suggest a possible relationship between lunar declination and precipitation in New York City.