WEATHER BUREAU

GEOSTROPHIC WIND SCALE—CONSTANT PRESSURE SURFACES
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°
SCALE 1:30,000,000 — Δh = 300

VELOCITY, MPH
300 150 100 75 50 40 30 20 15 12 10

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

AUG 3 1945

UPPER AIR STATION MODELS

RAOB STATION	FLIGHT REPORT
TT	TT
○ HHH	□ HHH(ZZ)
T_DT_D	

SCALE OF STATUTE MILES AT VARIOUS LATITUDES
SCALE 1:30,000,000
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

GEOSTROPHIC WIND SCALE
ISOBARIC INTERVAL 4 MB
SEA LEVEL DENSITY
BEAUFORT SCALE IN ITALICS
VELOCITY (M.P.H.)
LATITUDES

U. S. DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA
WEATHER BUREAU

ANALYSIS EXTRAPOLATED AND INTERPOLATED BY USE OF OFF-TIME DATA

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

AUG 3 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ii C_H	ii $D_S v_S$
T T d d C_M P P P	T T d d C_M P P P
V V w w N ± p p a	V V w w N ± p p a
T T C N_h W R_1	T T C N_h W R_1
d_d C_L h	d_d C_L h
R R	(T_S T_S)

SCALE OF STATUTE MILES AT VARIOUS LATITUDES
SCALE 1:30,000,000
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°

W.B. 1677 DECEMBER 1953