WEATHER BUREAU

GEOSTROPHIC WIND SCALE — CONSTANT PRESSURE SURFACES
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°
SCALE 1:30,000,000 — Δ n = 200

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

25° 30° 35° 40° 45° 50° 55° 60° 65° 70° 80°

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

FEB 11 1945

UPPER AIR STATION MODELS

RAOB STATION	FLIGHT REPORT
TT	TT
○ HHH	□ HHH(ZZ)
$T_D T_D$	

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

W.B. 1677 DECEMBER 1953

GEOSTROPHIC WIND SCALE

ISOBARIC INTERVAL .5 MB

SEA LEVEL DENSITY

25° 30° 35° 40° 45° 50° 55° 60° 70° 80°

LATITUDES

BEAUFORT SCALE IN ITALICS

VELOCITY (M.P.H.)

U. S. DEPARTMENT OF COMMERCE

UNITED STATES OF AMERICA

WEATHER BUREAU

ANALYSIS EXTRAPOLATED BY USE OF 1200 GMT DATA

SYNOPTIC WEATHER MAP

NORTHERN HEMISPHERE

SEA LEVEL 1230 GMT

FEB 11 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ff	ff
i	$D_S v_S$
TTdd	TTdd
C_L C_M C_H PPP	C_L C_M C_H PPP
VVww N ±ppa	VVww N ±ppa
$T_d T_d$ C_L N_h $W R_1$	$T_d T_d$ C_L N_h $W R_1$
h RR	$(T_S T_S)$ h

SCALE OF STATUTE MILES AT VARIOUS LATITUDES

SCALE 1:30,000,000

POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

W.B. 1677 DECEMBER 1953