WEATHER BUREAU

GEOSTROPHIC WIND SCALE — VELOCITY MPH
PRESSURE SURFACES
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°
SCALE 1:30,000,000 — Δh = 200

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

FEB 16 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°

BEAUFORT SCALE IN ITALICS

VELOCITY (M.P.H.)

LATITUDES

U. S. DEPARTMENT OF COMMERCE — UNITED STATES OF AMERICA

WEATHER BUREAU

ANALYSIS EXTRAPOLATED AND INTERPOLATED

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

FEB 16 1945

STATION MODEL

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

SCALE OF STATUTE MILES AT VARIOUS LATITUDES

100 50 0 100 200 300 400 500 600 700 800 900 1000

SCALE 1:30,000,000

POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

W.B. 1677 DECEMBER 1953