WEATHER BUREAU

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

VELOCITY, MPH
25° 30° 35° 40° 45° 50° 55° 60° 70° 80°
300 250 200 150 100 75 50 40 30 20 15 12 10

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

FEB 1 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 3 MB

25° 30° 35° SEA LEVEL 40° 45° 50° 55° 60° 70° 80° DENSITY

BEAUFORT SCALE IN ITALICS
VELOCITY (M.P.H.)

300 150 100 80 60 50 40 30 20 15 12 10

LATITUDES

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

WEATHER BUREAU

ANALYSIS EXTRAPOLATED AND INTERPOLATED BY USE OF OFFTIME DATA

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

FEB 1 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
$\begin{matrix} ii \\ TTdd \\ VVww \\ T_dT_dC_LN_hWR_t \\ h \quad RR \end{matrix}$ $\begin{matrix} \\ C_HC_M PPP \\ N \pm ppo \\ \\ \end{matrix}$	$\begin{matrix} ii \\ TTdd \\ VVww \\ T_dT_dC_LN_hWR_t \\ (T_ST_S)\ h \end{matrix}$ $\begin{matrix} D_SV_S \\ C_HC_M PPP \\ N \pm ppo \\ \\ \end{matrix}$

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

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