DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

WEATHER BUREAU

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

VELOCITY MPH

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

FEB 8 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

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

FEB 8 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ff / $T_T T_d d$ $C_H C_M$ PPP	ff / $T_T T_d d$ $C_H C_M$ PPP
VVww N ± ppp	VVww N ± ppp
$T_T T_d C_L N_h W R_f$	$T_T T_d C_L N_h W R_f$
$d_d C_L h$ RR	$(T_S S) h$

SCALE OF STATUTE MILES AT VARIOUS LATITUDES

SCALE 1:30,000,000

POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

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