WEATHER BUREAU

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

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

ANALYSIS EXTRAPOLATED AND INTERPOLATED

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB
0400 GMT

JAN 10 1945

UPPER AIR STATION MODELS	
RAOB STATION	FLIGHT REPORT
TT / HHH / T_DT_D	TT / HHH(ZZ)

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

SEA LEVEL DENSITY

BEAUFORT SCALE IN ITALICS

VELOCITY (M.P.H.)

300 250 200 150 100 80 60 50 40 30 20 15 12 10

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

JAN 10 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ff / T T d d C_L C_M P P P	ff / T T d d C_L C_M $D_S v_S$ P P P
V V w w (N) ± p p a	V V w w (N) ± p p a
$T_d T_d C_L N_h W R_1$ h RR	$T_d T_d C_L N_h W R_1$ h $(T_S T_S)$

SCALE OF STATUTE MILES AT VARIOUS LATITUDES

SCALE 1:30,000,000

POLAR STEREOGRAPHIC PROJECTION. TRUE AT LATITUDE 60°

W.B. 1677 DECEMBER 1953