WEATHER BUREAU

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

VELOCITY MPH
25 30 35 40 45 50 55 60 65 70 80 90 100 125 150 175 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

JAN 3 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 -5 MB

SEA LEVEL DENSITY

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

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

300 150 100 80 70 60 50 40 30 20 15 12 10

11 10 9 8 7 6 5 4 3 2

LATITUDES

U. S. 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

JAN 3 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ii i T Tdd C_M PPP VVww N ±ppp $T_g T_d C_L N_h W R_t$ h RR	ii $D_S v_S$ i T Tdd C_M PPP VVww N ±ppp $T_g T_d C_L N_h W R_t$ $(T_S T_S)$ 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