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 75 50 40 30 20 15 12 10

25° 30° 35° 40° 45° 50° 55° 60° 65° 70° 80°

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

JUL 25 1945

UPPER AIR STATION MODELS

RAOB STATION	FLIGHT REPORT
TT	TT
HHH	HHH(ZZ)
T_DT_D	

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

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

90° 70° 60° 50° 40° 30° 20° 10° 0°

GEOSTROPHIC WIND SCALE

ISOBARIC INTERVAL, 5 MB — SEA LEVEL DENSITY

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

LATITUDES

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

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA
WEATHER BUREAU

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

JUL 25 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ff / T Tdd / VVww / $T_d T_d C_L N_h W R_t$ h RR	ff / $D_s v_s$ / T Tdd / VVww / $T_d T_d C_L N_h W R_t$ $(T_s T_s)_l$ 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