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

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

MAY 16 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

WEATHER BUREAU

GEOSTROPHIC WIND SCALE

ISOBARIC INTERVAL 5 MB — SEA LEVEL — DENSITY

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

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

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

LATITUDES

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

MAY 16 1945

STATION MODEL

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