WEATHER BUREAU

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

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

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

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

AUG 2 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 3 MB — SEA LEVEL DENSITY

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

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

LATITUDES

WEATHER BUREAU

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

AUG 2 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ii C_L C_M PPP	ii $D_S v_S$
TTdd C_H	TTdd C_H PPP
VVww N ± ppp	VVww N ± ppp
$T_T T_C C_L N_h W_P$	$T_T T_D C_L N_h W_{P_1}$
$d_d d_L N_s W_{P_1}$	$(T_T T_S)$ h
P RR	

SCALE OF STATUTE MILES AT VARIOUS LATITUDES

SCALE 1:30 000 000

POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°

W.B. 1677 DECEMBER 1953