WEATHER BUREAU

GEOSTROPHIC WIND SCALE — CONSTANT PRESSURE SURFACES
VELOCITY MPH
300 150 100 75 50 40 30 20 15 12 10
25° 30° 35° 40° 45° 50° 55° 60° 70° 80°

POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°
SCALE 1:30,000,000 — Δ h = 200

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

JUL 22 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°

GEOSTROPHIC WIND SCALE

ISOBARIC INTERVAL 4 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

JUL 22 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ff	ff $D_s v_s$
iihdd $C_L C_M C_H$ PPP	iihdd $C_L C_M C_H$ PPP
VVww N ±ppp	VVww N ±ppp
$T_T T_D C_L h W_1 W_2$	$T_T T_D C_L h W_1 W_2$
dd RR	dd S_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