WEATHER BUREAU

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

VELOCITY, MPH
300 150 100 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

JUL 31 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°

GEOSTROPHIC WIND SCALE

ISOBARIC INTERVAL 4 MB — SEA LEVEL DENSITY

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

LATITUDES

BEAUFORT SCALE IN ITALICS

VELOCITY (M.P.H.)

WEATHER BUREAU

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

JUL 31 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ii C_H $D_S v_S$	ii C_H
T T d d C_M P P P	T T d d C_M P P P
V V w w N ± p p a	V V w w N ± p p a
$T_g T_g C_L N_h W R_1$	$T_d T_d C_L N_h W R_1$
h RR	$(T_S T_S)$ 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