WEATHER BUREAU

GEOSTROPHIC WIND SCALE - CONSTANT PRESSURE SURFACES
VELOCITY MPH
300 150 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 = 200

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

MAY 19 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 4MB — SEA LEVEL DENSITY

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

BEAUFORT SCALE (IN ITALICS)

VELOCITY (M.P.H.)

LATITUDES

U. S. DEPARTMENT OF COMMERCE — UNITED STATES OF AMERICA

WEATHER BUREAU

ANALYSIS EXTRAPOLATED AND INTERPOLATED BY USE OF OFFICE DATA

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

MAY 19 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ii C C_H C_M PPP	ii D_S v_S
T Td d C_L	T Td d C_L C_M PPP
V Vww N ± ppp	V Vww N ± ppp
T_x T_n C_h N_h WR_t	T_x T_n C_h N_h WR_t
d_d h RR	d_d T_S 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