U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

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

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

JUN 30 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 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

JUN 30 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ff T Tdd C_M^H PPP Vvww $N_M^{(N)}$ ±ppp $T_xT_xC_L$ N_hWR_t T_dT_d h RR	ff D_SV_S T Tdd C_M^H PPP Vvww $N_M^{(N)}$ ±ppp $T_xT_xC_L$ N_hWR_t (T_ST_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