WEATHER BUREAU

GEOSTROPHIC WIND SCALE: CONSTANT PRESSURE SURFACES
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°
SCALE: 1:30,000,000 Δ Δ = 20°

VELOCITY MPH
30 15
35 17.5
40 20
45 22.5
50 25
55 27.5
60 30
70 35
80 40

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

SEP 7 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 6 MB — SEA LEVEL DENSITY

25° 30° 35° 40° 45° 50° 55°60° 70°80°

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

LATITUDES

DEPARTMENT OF COMMERCE · UNITED STATES OF AMERICA

WEATHER BUREAU

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

SEP 7 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
$_{t}^{tt}$ $_{C_M}^{C_H}$ PPP	$_{t}^{tt}$ $_{C_M}^{C_H}$ D_{SVS} PPP
TTdd	TTdd
VVwwᴺ ±ppp	VVwwᴺ ±ppp
$T_TT_TC_LN_hW_Ah$	$d_Sd_Sv_Sv_S$ W_AW_Ah
$d_Ad_AC_LN_hW_Ah$	$(T_Tv_Sv_S)$ h
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