WEATHER BUREAU

GEOSTROPHIC WIND SCALE — CONSTANT PRESSURE SURFACES
POLAR STEREOGRAPHIC PROJECTION: TRUE AT LATITUDE 60°
SCALE: 1:30,000,000 — Δφ = 300

VELOCITY - MPH

25°	30°	35°	40°	45°	50°	55°	60°	70°	80°
38									
32									
25	75	50	40	30	20	15	12	10	

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

SEP 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°

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°

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

300 150 100 80 60 50 40 30 20 15 12 10

11 10 9 8 7 6 5 4 3

LATITUDES

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

WEATHER BUREAU

ANALYSIS EXTRAPOLATED AND INTERPOLATED BY USE OF OFFTIME DATA

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

SEP 22 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ii / TTdd / $C_H C_M$ PPP	ii / TTdd / $C_H C_M$ $D_S v_S$ PPP
VVwwN ± ppp	VVwwN ± ppp
$T_T T_C / d_d d_L / N_h$ WR $_1$	$T_T T_C / d_d d_L / N_h$ WR $_1$
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°

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