WEATHER BUREAU

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

VELOCITY, MPH
300 150 100 75 50 40 30 20 15 12 10

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

AUG 15 1945

UPPER AIR STATION MODELS
RAOB STATION | FLIGHT REPORT

TT | TT
HHH | HHH(ZZ)
T_DT_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.)
LATITUDES

U.S. DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA
WEATHER BUREAU

ANALYSIS EXTRAPOLATED AND INTERPOLATED BY USE OF OFF-TIME DATA

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

AUG 15 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS
ff C_H	ff $D_S v_S$
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 o	V V w w N ± p p o
$T_T T_T C_L N_h W R_1$	$T_T T_T C_L N_s W R_T$
d d h RR	d d h
	$(T_S T_S)$

SCALE OF STATUTE MILES AT VARIOUS LATITUDES
SCALE 1:30,000,000
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

W.B. 1677 DECEMBER 1953