GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.

LATITUDE

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

CAELUM AD PROELIUM PARATI

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

JANUARY 4, 1947

STATION MODEL	
RAOBS	FLIGHTS
TT HHHH	TT HHHH (GGGGZ)

Scale of Miles at Various Latitudes

GEOSTROPHIC WIND SCALE
ISOBARIC INTERVAL 5MB - TRUE AT 60°

VELOCITY M.P.H. 100 80 60 50 40 30 20 15 12 10

LATITUDE 30 35 40 45 50 60 70 90

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

CORNUM AD PROELIUM AUDEO

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT
JANUARY 4, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT $C_w D_c$ PPP	$T_w T_w$ D_s s_s	TT $C N_s$
Vww (N) ±ppp	K C_w PPP	$C N_2$ PPP
$T_g T_g$ $C_L N_h$ WR_g	Vww (N) ±ppp	hhh
h RR	$T_g T_g$ C_C $N_m W$	Vww
	h	$T_g T_g$ $C N_s$ W
		(99GGZ)

Scale of Miles at Various Latitudes
100 50 0 100 200 300 400 500 600 700 800 900 1000
Latitude 0° 10° 20° 30° 40° 50° 60° 70° 80°