C5

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.

LATITUDE

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

MARCH 24, 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 25
LATITUDE 30 35 40 45 50 60 70 90

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CELERUM AD PROFECTUM REBUS

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

MARCH 24, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT $C_H C_L$ PPP	$I_R I_X$ C_H $\frac{d_s}{v_s}$	TT $C N_s$
Vww (N) 2pp0	D_s T C_M PPP0	$C_O N_S$ PPP
$T_S T_S$ $C_L N_s$ WR_t	K C_L	Vww
h RR	Vww (N) 2pp0	$T_S T_S$ C_L $N_s W$
	$T_S T_S$ C_L	(99999Z)
	h	

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° 90°