GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.

LATITUDE

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

CERTUM AD PROELIUM PARATI

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

JULY 30, 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. 10 12 15 20 30 40 50 60 80

LATITUDE 30 35 40 45 50 60 70 80

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UNITED STATES AIR FORCE

CONSERVE AS PRODIGIOUS RESOURCE

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

JULY 30, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT $C_L C_M C_H$ PPP	$(\frac{T_S T_S}{D_S T_T})$ C_L $\frac{d_s}{v_s}$	TT $C N_s$
Vww N tppa	K C_M PPP	$C N_p$ ppp
$T_S T_S$ $C_L N_h$ WR_T	Vww N tppa	hhh
h RR	$T_S T_S$ C_L $N_h W$	Vww
	h	$T_S T_S$ C N_s W
		(GGGGZ)

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°