GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.

LATITUDE

Prepared by
HEADQUARTERS ARMY AIR FORCES
WEATHER SERVICE

SYNOPTIC WEATHER MAP

NORTHERN HEMISPHERE
500 MB 0400 GMT

JULY 12, 1946

STATION MODEL
UPPER AIR
TT
HH

Scale of Miles at Various Latitudes

GEOSTROPHIC WIND SCALE
ISOBARIC INTERVAL 5 MB - SEA LEVEL DENSITY

VELOCITY m.p.h.
200
100
60
40
30
20
15
12
10

LATITUDE
25 30 35 40 45 50 60 70 80

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WEATHER SERVICE

CORIUM AD PROELIUM AGIMUS

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

JULY 12, 1946

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
C_m	T_s q_s	$\frac{d}{d}$ (GG)
TT C_m PPP	DTT C_m V_s	$\frac{top}{C_m H_m}$
Vww (N) tppa	K C_m PP	ppa hhh
	V (M) tppa	TT (N) EEE
$T_s T_s$ $C_L N_h$ W P_{-3}	$T_s T_s$ C_L N_h W	$\frac{100}{C_m h_m}$
h RR	HHM h	UU ppa

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°