GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.

LATITUDE

Prepared by
HEADQUARTERS ARMY AIR FORCES
WEATHER SERVICE

COELUM AD PROELIUM PARES

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

MARCH 30, 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

Prepared by
HEADQUARTERS ARMY AIR FORCES
WEATHER SERVICE

CORIUM AD PROELIUM REGIS

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT
MARCH 30, 1946

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
$\frac{C_H}{C_M}$ PPP	D TT $\frac{T_s}{C_H}$ $\frac{d_s}{V_s}$	$\frac{}{}$ (GG)
TT K	$\frac{C_M}{C_L}$ PP	$\frac{}{100}$ $C_H h_H$
Vww (N) ippa	V (N) ippa	base hhh
		TT Vww (N) PPP
$T_s T_s$ $C_L h_L$ W_1	$T_s T_s$ C_L $N_s W$	$\frac{}{100}$
h RR	Hwind h	UU $C_H h_H$
		base

Scale of Miles at Various Latitudes: 100 50 0 100 200 300 400 500 600 700 800 900 1000
Latitude: 90° 70° 60° 50° 40° 30° 20° 10° 0°