GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.

LATITUDE

Prepared by
HEADQUARTERS ARMY AIR FORCES
WEATHER SERVICE

CONSILIUM AD PROELIUM BLUES

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

OCTOBER 9, 1945

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 PRAELIUM RUIT

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

OCTOBER 9, 1945

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
C_M	T_s d_s	a_3 (GG)
TT C_H PPP	D TT C_M V_s	log C_H H_O
Vww (N) ippa	K C_H pp	base hhh
$T_x T_x$ C_L N_h W R_t	V (N) ippa	log (N) PPP
h RR	$T_x T_x$ C_L N_s W	TT Vww
	HvM h	log UU C_H H_O base

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