GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.

LATITUDE

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

COELUM AD PROELIUM REITOR

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

OCTOBER 19, 1947

STATION MODEL	
RAOBS	FLIGHTS
TT O 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 — LATITUDE 25 30 35 40 45 50 60 70 90

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

CORIUM AD PROELIUM FERIOS

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

OCTOBER 19, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT C_L C_M PPP	T_W C_H W_1	C_{N_2}
Vvw N ppp	D_s C_M PPP	C_{N_2} PPP
$T_S T_S$ $C_L N_h$ WR_T	K	TT hhh
h RR	Vvw N ppp	Vvw
	$T_S T_S$ C_L	$T_S T_S$ $C_L N_h W$
	h	(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° 90°