GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.
300 150 100 75 50 40 30 20 15 12 10

LATITUDE
25 30 35 40 45 50 55 60 70

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

COELUM AD PROELIUM REGES

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

OCTOBER 21, 1947

STATION MODEL	
RAOBS	FLIGHTS
vv TT HHHH	vv TT HHHH (GGGGZ)

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

GEOSTROPHIC WIND SCALE
ISOBARIC INTERVAL 5MB - TRUE AT 60°

VELOCITY M.P.H.

LATITUDE

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

CORNUM AD PROELIUM RUBOR

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT
OCTOBER 21, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT C_H D_z PPP	d_s v_s	TT C_H N_s
Vww N ±ppp	P_o TT C_M PPP	TT C_H N_s ppp
$T_g T_g$ C_L N_h WR_t	K C_M ppp	Vww N ±ppp hhh
h RR	Vww N ±ppp	$T_g T_g$ C_L N_h W
	$T_g T_g$ C_L N_h W	(99GGZ)
	h	

Scale of Miles at Various Latitudes