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 80

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

CORIUM AD PROELIUM AUDE

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

OCTOBER 15, 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
Latitude 90° 70° 60° 50° 40° 30° 20° 10° 0°

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

VELOCITY M.P.H. 800 600 400 300 200 150 120 100 80 60 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 RIGOR

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT
OCTOBER 15, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT C_L D_L PPP	D_S T_W C_M f_R f_W K C_M PPP	TT C_H N_H C_M N_M PPP hhh
Vww N ɛpp̄a	Vww N ɛpp̄a	Vww
$T_S T_S$ C_L h_S $W^1 W^2$ P_S h RR	$T_S T_S$ C_L h $N_S W$	$T_S T_S$ C_L N_L W IGGGiZ

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°