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

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

CORIUM AD PROELIUM FERIOR

1905

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

DECEMBER 4, 1947

STATION MODEL	
RAOBS	FLIGHTS
TT HHHH	TT HHHH (GGGGZ)

100 50 0 100 200 300 400 500 600 700 800 900 1000
Scale of Miles at Various Latitudes

GEOSTROPHIC WIND SCALE

ISOBARIC INTERVAL 5MB - TRUE AT 60°

VELOCITY M.P.H.

LATITUDE

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

SYNOPTIC WEATHER MAP

NORTHERN HEMISPHERE

SEA LEVEL 1230 GMT

DECEMBER 4, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
C_L C_M C_H PPP	D_s T T C_L C_M C_H K d_s v_s PPP	T T C_{N_3} C_{N_2} PPP hhh V w w C_{N_1} W (99GGZ)
T T V w w N ±ppp	T T V w w N ±ppp	
$T_s T_s$ C_L N_h WR_t h RR	$T_s T_s$ C_L h $h_s W$	$T_s T_s$ C_{N_4} W

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°