GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.

LATITUDE

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

AUGUST 11, 1947

STATION MODEL	
RAOBS	FLIGHTS
TT HHHH	TT HHHH (GGGGZ)

Scale of Miles at Various Latitudes

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

VELOCITY M.P.H. 200 100 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

CORNUM AD PROELIUM AUDAX

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT
AUGUST 11, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT $C_L C_M D_L$ PPP	$D_S T_W$ C_H d_S K C_M v_S PPP	$C N_S$ TT $C N_S$ ppp hhh
Vww N ɛppp	Vww N ɛppp	Vww
$T_S T_S$ $C_L N_h$ WR_T h RR	$T_S T_S$ C_L $N_h W$ h	$T_S T_S$ C N W (99GGZ)

Scale of Miles at Various Latitudes
100 50 0 100 200 300 400 500 600 700 800 900 1000
Latitudes 0° 10° 20° 30° 40° 50° 60° 70° 80° 90°