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, 65, 70

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

CAELUM AD PROELIUM REGES

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

MAY 30, 1947

STATION MODEL	
RAOBS	FLIGHTS
TT HHHH	TT HHHH (GGGGZ)

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

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

VELOCITY M.P.H.

LATITUDE

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

CAELUM AD PROELIUM ELEVO

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT
MAY 30, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT C_L D_L PPP	(TT) $\frac{d_s}{v_s}$	TT $C\ N_2$
Vww (N) $\frac{2}{3}$ppp	D_s C_m $\frac{4}{5}$	$C\ N_2$ PPP
T_sT_s C_L N_h WR_t	K C_M PPP	hhh
h RR	Vww (N) $\frac{2}{3}$ppp	Vww
	T_sT_s C_L N_hW	T_sT_s C N, W
	h	(GGGGZ)

Scale of Miles at Various Latitudes