GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.

LATITUDE

Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

CAELUM AD PROFELIUM REGIO

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

MAY 3, 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. 100 80 60 50 40 30 20 15 12 10
LATITUDE 25 30 35 40 45 50 60 70 90

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SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT
MAY 3, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT $C_L C_M C_H$ PPP	D_S V_S TT C_L C_M C_H	$C_L N_S$
$D_0 D_1 D_2$	$P_{24} P_{24}$	$C_M N_S$ PPP
Vww (N) Sppp	K C_H PPP	TT hhh
Vww (N) zppp	C_M N_h	Vww
$T_S T_S$ $C_L N_S$ WR_T	$T_S T_S$ C_L $N_h W$	$T_S T_S$ $C_L N_S$ W
h HR	h	(GGGGZ)

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° 90°