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Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.

LATITUDE

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

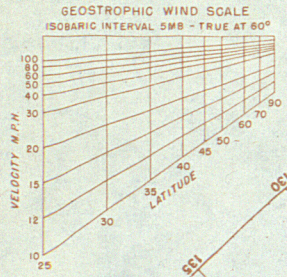
APRIL 12, 1947

STATION MODEL

RAOBS	FLIGHTS
TT HHHH	TT HHHH (GGGGZ)

Scale of Miles at Various Latitudes

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



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CORIUM AD PROELIUM AUDE

SYNOPTIC WEATHER MAP

NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

APRIL 12, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT $C_H C_M D_L$ PPP	$D_S T_W$ C_H s_n C_M PPP	TT $C N_s$ $\frac{PPP}{hhh}$
Vvv N 3PPP	K Vvv N 3PPP	Vvv □
$T_S T_S$ $C_L N_M WR_T$ h RR	$T_S T_S$ C_L h $N_s W$	$T_S T_S$ C N, W (99GGZ)

Ho

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