D3

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

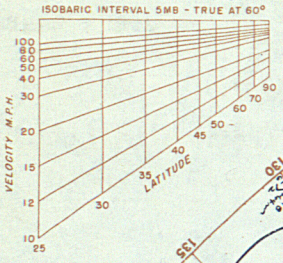
APRIL 8, 1947

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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SYNOPTIC WEATHER MAP

NORTHERN HEMISPHERE

SEA LEVEL 1230 GMT

APRIL 8, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT $C_L C_M C_H$ PPP	D_s TT C_H d_s v_s	TT $C\,N_3$
Vww (N) $s_n p p o$	K C_M PPP	$C\,N_2$ PPP
$T_d T_d$ $C_L N_h W R_t$	Vww (N) $s_n p p o$	Vww hhh
h RR	$T_d T_d$ C_L $N_h W$	$T_d T_d$ $C\,N_s\,W$
	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°

Fw