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

CORIOLIS AS PROBLEM RULES

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

JANUARY 15, 1947

STATION MODEL	
RAOBS	FLIGHTS
TT HHHH	TT HHHH (GGGGZ)

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

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

VELOCITY M.P.H.

LATITUDE

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SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT
JANUARY 15, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT C_L C_M C_H PPP	$(T_W T_W)$ $D_W T_W$ C_H d_s v_s	TT C N_S
Vvv N ɛppɑ	K C_M PPP	C N_Z PPP
$T_d T_d$ C_L N_h WR_T	Vvv N ɛppɑ	hhh
h RR	$T_d T_d$ C_L	Vvv
	h	$T_d T_d$ C N_S W
		(99962)

Scale of Miles at Various Latitudes