GEOSTROPHIC WIND SCALE

CONTOUR INTERVAL 200 FT

150
100
80
60
50
40
30
20
15
10
25°
30°
35°
40°
45°
50°
55°
60°
65°
70°
75°
80°
LATITUDE

INDIAN WINDS 0900 GMT

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA
WEATHER BUREAU

SYNOPTIC WEATHER MAP

NORTHERN HEMISPHERE

500 MB 1500 GMT

MAY 18 1951

UPPER AIR STATION MODELS	
RAOB STATION	FLIGHT REPORT
TT	TT
HHH	HHH(ZZ)
$T_D T_D$	

SCALE OF NAUTICAL MILES

500 400 300 200 100 50 25 0

90° 70° 60° 50° 40° 30° 20° 10° 0°
LATITUDE

GEOSTROPHIC WIND SCALE ISOBARIC INTERVAL 5 MB
SEA LEVEL DENSITY

150 80 50 40 30 20 15 10

25° 30° 35° 40° 45° 50° 55° 60° 65° 70° 75° 80°
LATITUDE

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA
WEATHER BUREAU

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

MAY 18 1951

STATION MODEL

LAND STATIONS	SHIP STATIONS
ff / TTdd, C_L C_M C_H PPP	ff / TTdd, C_L C_M C_H PPP
VVww, N, ± ppo	D_S v_S VVww, N, ± ppo
$T_dT_dC_LN_hWR_t$	$T_dT_dC_LN_hWR_t$
h RR	(T_SS) h
NAME OR (BAR NO.)	NAME OR (BAR NO.)

SCALE OF MILES AT VARIOUS LATITUDES
100 50 0 100 200 300 400 500 600 700 800 900 1000
90° 70° 60° 50° 40° 30° 20° 10° 0°