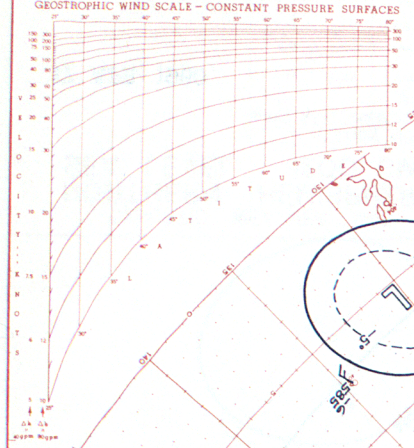
U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

GEOSTROPHIC WIND SCALE – CONSTANT PRESSURE SURFACES



SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 1200 GMT

18 APR 1960

UPPER AIR STATION MODELS

RAOB STATION	FLIGHT REPORT
TT	TT
○ HHH	□ HHH
	[GGgg]

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LATITUDE

SCALE OF NAUTICAL MILES

GEOSTROPHIC WIND SCALE ISOBARIC INTERVAL 5 MB
SEA LEVEL DENSITY

150
80
50
40
30
20
15
KNOTS
10

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

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1200 GMT

18 APR 1960

STATION MODEL	
LAND STATIONS	SHIP STATIONS
ff	ff $D_S v_S$
$T T_d$ dd PPP	$T T_d$ dd PPP
ww N ± ppa	ww N ± ppa
$T_d T_d$ W	$T_d T_d$ W
	(SHIP NO.)

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SCALE OF NAUTICAL MILES
500 400 300 200 100 50 25
LATITUDE 90° 70° 60° 50° 40° 30° 20° 10° 0°