GEOSTROPHIC WIND SCALE
CONSTANT PRESSURE SURFACES
CONTOUR INTERVAL = 200 gpft

WIND SPEED (KNOTS)
150
100
80
60
50
40
30
20
15
10

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

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UNITED STATES OF AMERICA

H 588 -5° L 582 -10° 570 -15° -20° 564 -25° 540 -30° 528 -35° 528 L 552 570 -10° L 528 -15° -20° 552 -25° 516 L -30° 522 534 576 588 H -5° 588 H 558 H 546 L 540 H 540 552 -20° 528 L 516 -25° 504 L 498 L 498 L 528 -30° 540 -35° 528 L 552 516 524 L 510 504 -40° 498 L 492 L 564 -20° H 588 H -5°

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 1200 GMT

10 APR 1963

UPPER AIR STATION MODELS

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

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

GEOSTROPHIC WIND SCALE ISOBARIC INTERVAL 5 MB
SEA LEVEL DENSITY

LATITUDE

U.S. DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1200 GMT

10 APR 1963

STATION MODEL

LAND STATIONS	SHIP STATIONS
ff	ff $D_S v_S$
T T d d PPP	T T d d 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