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°

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 1200 GMT

9 FEB 1961

UPPER AIR STATION MODELS	
RAOB STATION	FLIGHT REPORT
TT / HHH	TT / HHH [GGgg]

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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°

GEOSTROPHIC WIND SCALE ISOBARIC INTERVAL 5 MB
SEA LEVEL DENSITY

KNOTS 150 80 50 40 30 20 15 10

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

U. S. DEPARTMENT OF COMMERCE
U. S. WEATHER BUREAU

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
SEA LEVEL 1200 GMT

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STATION MODEL

LAND STATIONS	SHIP STATIONS
T T d d PPP	D S V S T T d d PPP
w w N ± p p a	w w N ± p p a
T d T d W	T d T d W
	(SHIP NO.)

SCALE OF NAUTICAL MILES 500 400 300 200 100 50 25 0

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

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