WEATHER BUREAU

# SYNOPTIC WEATHER MAP
# NORTHERN HEMISPHERE
# 500 MB 0400 GMT

**JUN 12 1945**

| UPPER AIR STATION MODELS | |
|---|---|
| RAOB STATION | FLIGHT REPORT |
| TT<br>○ HHH<br>$T_DT_D$ | TT<br>□ HHH(ZZ) |

VELOCITY MPH
300 150 100 75 50 40 30 20 15 12 10

GEOSTROPHIC WIND SCALE—CONSTANT PRESSURE SURFACES
POLAR STEREOGRAPHIC PROJECTION TRUE AT LATITUDE 60°
SCALE 1:30,000,000 — $\Delta h = 200$

SCALE OF STATUTE MILES AT VARIOUS LATITUDES
SCALE 1:30,000,000
POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

W.B. 1677 DECEMBER 1953

GEOSTROPHIC WIND SCALE

ISOBARIC INTERVAL 5 MB — SEA LEVEL DENSITY

25° 30° 35° 40° 45° 50° 55° 60° 70° 80°

BEAUFORT SCALE IN ITALICS (VELOCITY M.P.H.)

300 200 100 88 80 60 50 40 30 20 15 12 10

LATITUDES

DEPARTMENT OF COMMERCE · UNITED STATES OF AMERICA

WEATHER BUREAU

SYNOPTIC WEATHER MAP

NORTHERN HEMISPHERE

SEA LEVEL 1230 GMT

JUN 12 1945

STATION MODEL

| LAND STATIONS | SHIP STATIONS |
|---|---|
| ii | ii |
| iRTdd CH CM PPP | iRTdd CH CM PPP |
| VVww N ±ppp | VVww N ±ppp |
| TTTC'd'd'C'L Nh WR1 | TTTC'd'd'C'L Nh WR1 |
| h RR | (TsTs) h |

SCALE OF STATUTE MILES AT VARIOUS LATITUDES

SCALE 1:20,000,000

POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°

W.B. 1677 DECEMBER 1953