GEOSTROPHIC WIND SCALE

ISOBARIC INTERVAL 5 MB — SEA LEVEL DENSITY

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

700 150 100 80 60 50 40 30 20 15 12 10

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

LATITUDES

U. S. DEPARTMENT OF COMMERCE · WEATHER BUREAU

# SYNOPTIC WEATHER MAP
# NORTHERN HEMISPHERE
# SEA LEVEL 1230 GMT

**APR 23 1943**

STATION MODEL

| LAND STATIONS | SHIP STATIONS |
|---|---|
| ii / T T<sub>d</sub>d / C<sub>L</sub> C<sub>M</sub> PPP | ii / D<sub>S</sub>v<sub>S</sub> / T T<sub>d</sub>d / C<sub>L</sub> C<sub>M</sub> PPP |
| V V w w / N ± ppa | V V w w / N ± ppa |
| T<sub>d</sub> T<sub>d</sub> C<sub>L</sub> N<sub>h</sub> W R<sub>1</sub> / h RR | T<sub>d</sub> T<sub>d</sub> C<sub>L</sub> N<sub>h</sub> W R<sub>1</sub> / (T<sub>S</sub>T<sub>S</sub>)<sub>h</sub> |

ANALYSIS EXTRAPOLATED AND IN PART BY USE OF OFF-TIME DATA

SCALE OF STATUTE MILES AT VARIOUS LATITUDES

SCALE 1:30,000,000

POLAR STEREOGRAPHIC PROJECTION, TRUE AT LATITUDE 60°