GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

VELOCITY m.p.h.
300 150 100 75 50 40 30 20 15 12 10

LATITUDE 25 30 35 40 45 50 55 60 70 80

Prepared by
HEADQUARTERS ARMY AIR FORCES
WEATHER SERVICE

CORNUM AD PROELIUM PARATUS

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

DECEMBER 9, 1945

STATION MODEL
UPPER AIR
TT
HH

Scale of Miles at Various Latitudes
100 50 0 100 200 300 400 500 600 700 800 900 1000
Latitude 80° 70° 60° 50° 40° 30° 20° 10° 0°

GEOSTROPHIC WIND SCALE
ISOBARIC INTERVAL 5 MB.–SEA LEVEL DENSITY

VELOCITY M.P.H.

LATITUDE

Prepared by
HEADQUARTERS ARMY AIR FORCES
WEATHER SERVICE

COELUM AD PROELIUM REGIT

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

DECEMBER 9,1945

STATION MODEL

| LAND STATIONS | SHIP STATIONS | FLIGHTS |
|---|---|---|
| $C_L$ | $T_s$ $d_s$ | $\Delta$ (GG) |
| TT $C_M$ PPP | D TT $C_H$ $V_s$ | 100 |
| K $C_L$ pp | $C_M$ $N_h$ |
| Vww (N) tppa | V (N) tppa | $C_H$ $N_h$ hhh |
| | TT base |
| $T_sT_s$ $C_LN_h$ $W_1R_1$ | $T_sT_s$ $C_L$ $N_sW$ | Vww (N) PPP |
| h RR | HHHH h | 100 |
| | | UU $C_H$ $N_h$ |
| | | base |

Scale of Miles at Various Latitudes

Latitude