GEOSTROPHIC WIND SCALE
CONTOUR INTERVAL 200 FEET

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

LATITUDE 35°

JANUARY 30, 1947
Prepared by
AIR WEATHER SERVICE
UNITED STATES AIR FORCE

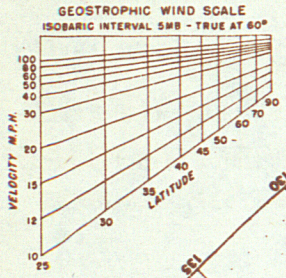
CORNUM AD PROELIUM AUDAX

SYNOPTIC WEATHER MAP
NORTHERN HEMISPHERE
500 MB 0400 GMT

STATION MODEL	
RAOBS	FLIGHTS
TT HHHH	TT HHHH (GGGGZ)

Scale of Miles at Various Latitudes
100 50 0 100 200 300 400 500 600 700 800 900 1000
Latitude 0° 10° 20° 30° 40° 50° 60° 70° 80° 90°

GEOSTROPHIC WIND SCALE
ISOBARIC INTERVAL 5MB - TRUE AT 60°



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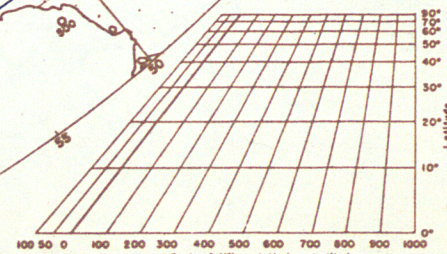
UNITED STATES AIR FORCE

SYNOPTIC WEATHER MAP

NORTHERN HEMISPHERE
SEA LEVEL 1230 GMT

JANUARY 30, 1947

STATION MODEL

LAND STATIONS	SHIP STATIONS	FLIGHTS
TT C_H C_M C_L PPP	(T_wT_w) D_sT_T d_s s_s	TT C_H C_{H_2} PPP
Vww N ppp	K C_M PPP	Vww hhh
T_gT_g C_L N_h WT_2	Vww N zppp	T_gT_g C_L N_h W
h RR	T_gT_g C_L h N_hW	(99GGZ)