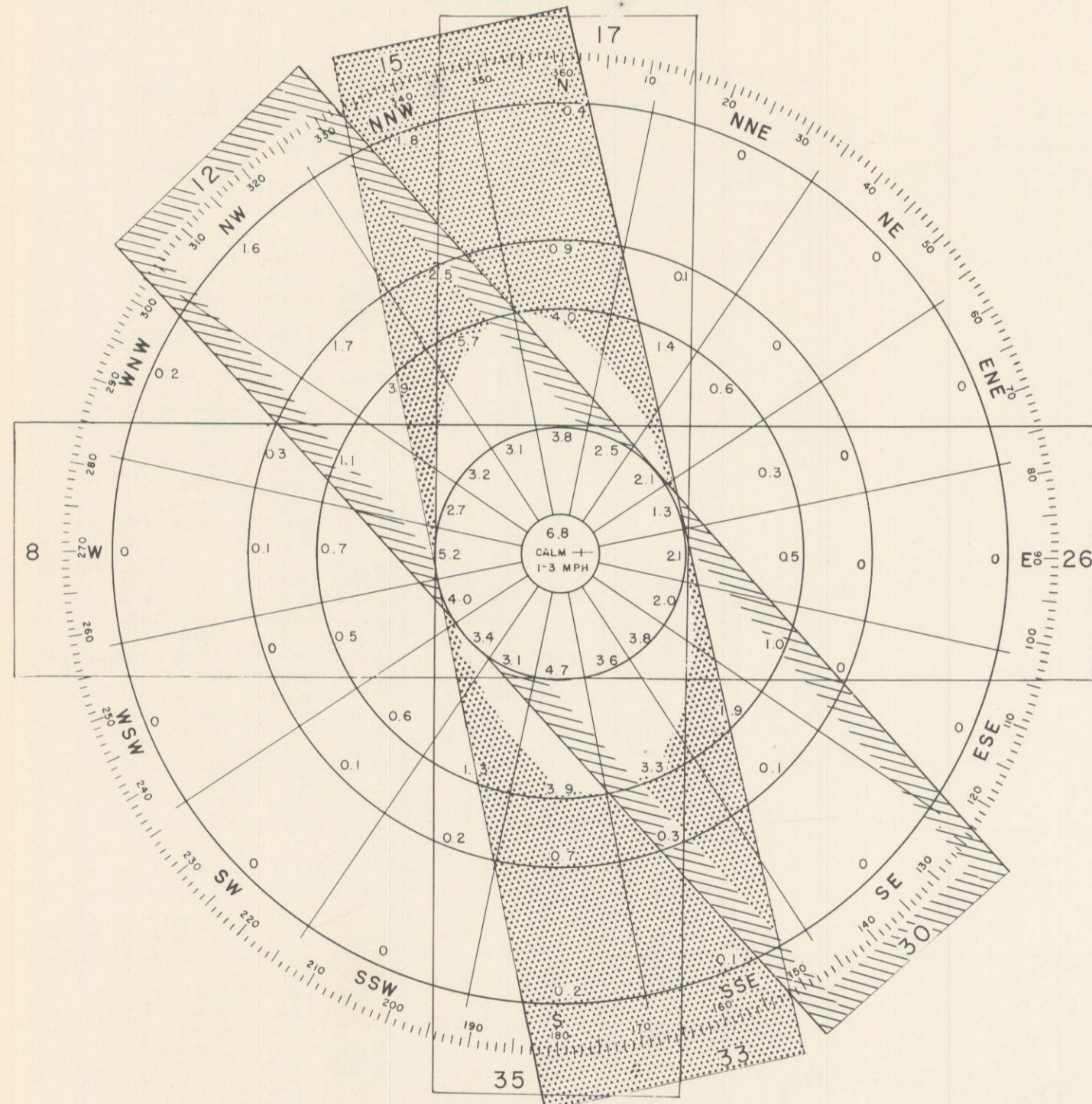


FEB. 1939 TO JUNE 1945 LESS JUNE 1943
WIND DATA PERIOD APRIL 1948 TO APRIL 1950



USAF RUNWAY WIND COMPUTER

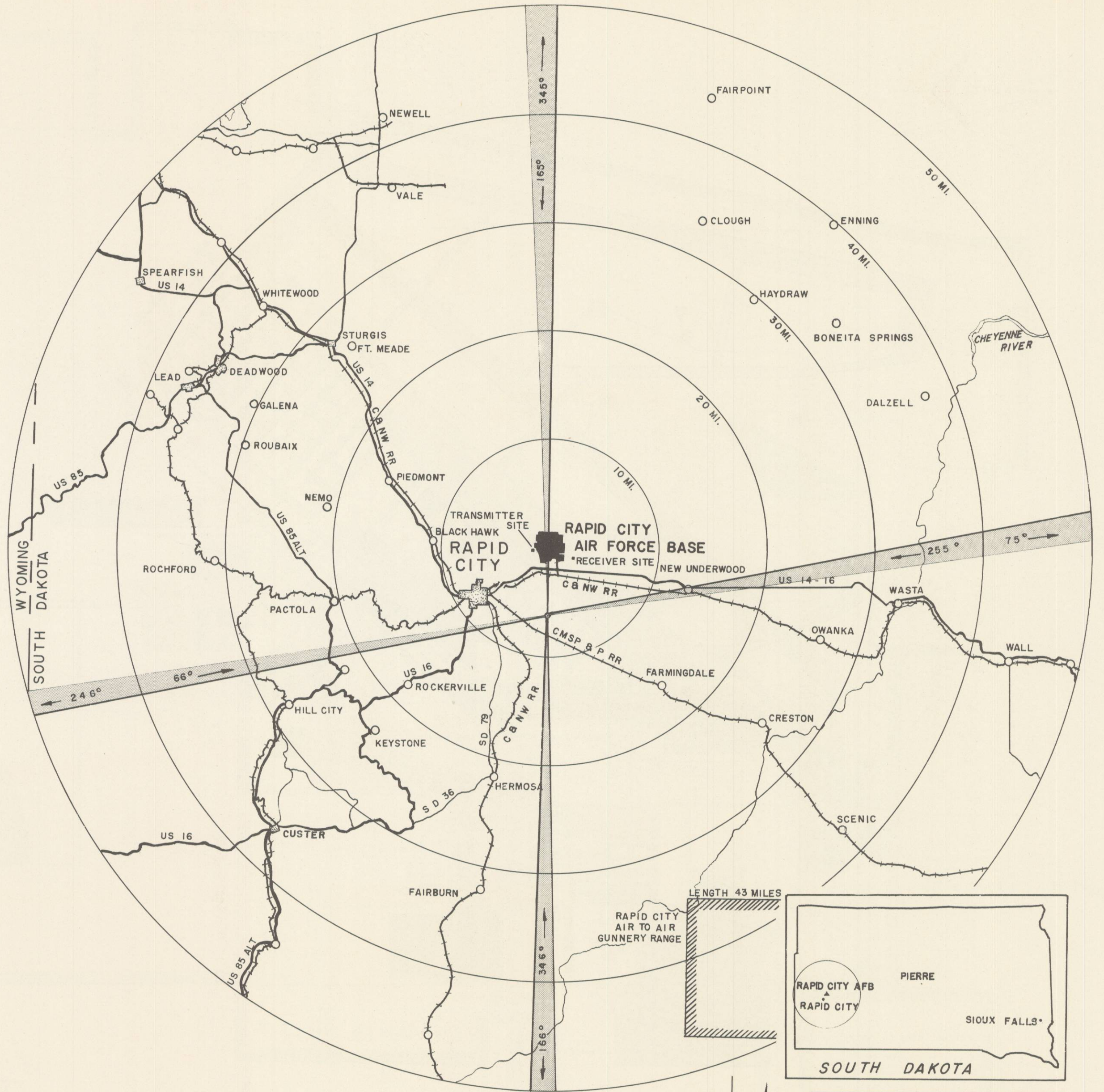
SCALE IN MILES PER HOUR
0 EQUALS LESS THAN .05 PERCENT

WIND COVERAGE TABULATIONS

EXISTING RUNWAY DIRECTIONS AND COMBINATIONS							PLANNED RUNWAY DIRECTIONS AND COMBINATIONS						
1952 % OF TRAFFIC	RUNWAY DIAGRAM	RUNWAY OR COMBINATION	CAPACITY LOAD LBS.	LENGTH IN FT.	% COVERED	% NOT COVERED	RUNWAY DIAGRAM	RUNWAY OR COMBINATION	CAPACITY LOAD LBS.	LENGTH IN FT.	% COVERED	% NOT COVERED	ULTIMATE EXTENSION
100		12-30	100,000 DUAL	10,497.5' X 300'	85.7	14.3		12-30	100,000	10,497.5' X 300'	85.7	14.3	TO 15,000' N.W.
		8-26	CLOSED					15-33	100,000	9,000' X 300'	88.3	11.7	
		17-35	CLOSED					12-30 15-33			95.7	4.3	

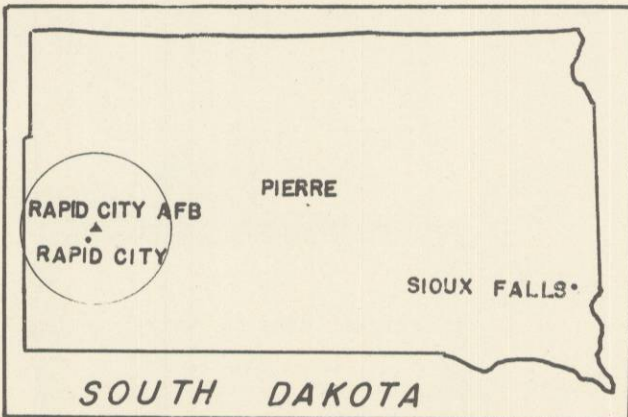
DATA FROM U.S. WEATHER BUREAU.
* INDICATES INSTRUMENT RUNWAY.

NOTE: EXISTING LOAD BEARING CAPACITIES ARE SHOWN BY SINGLE OR DUAL WHEEL LOAD AS NOTED.
PLANNED LOAD BEARING CAPACITIES ARE SHOWN AS 25,000 LBS. SINGLE OR 100,000 LBS. DUAL WHEEL LOADS.



VICINITY MAP

SCALE IN MILES



RAPID CITY
AIR FORCE BASE
RAPID CITY S. DAKOTA
VICINITY MAP
WIND ANALYSIS
AIRFIELD PAVEMENT