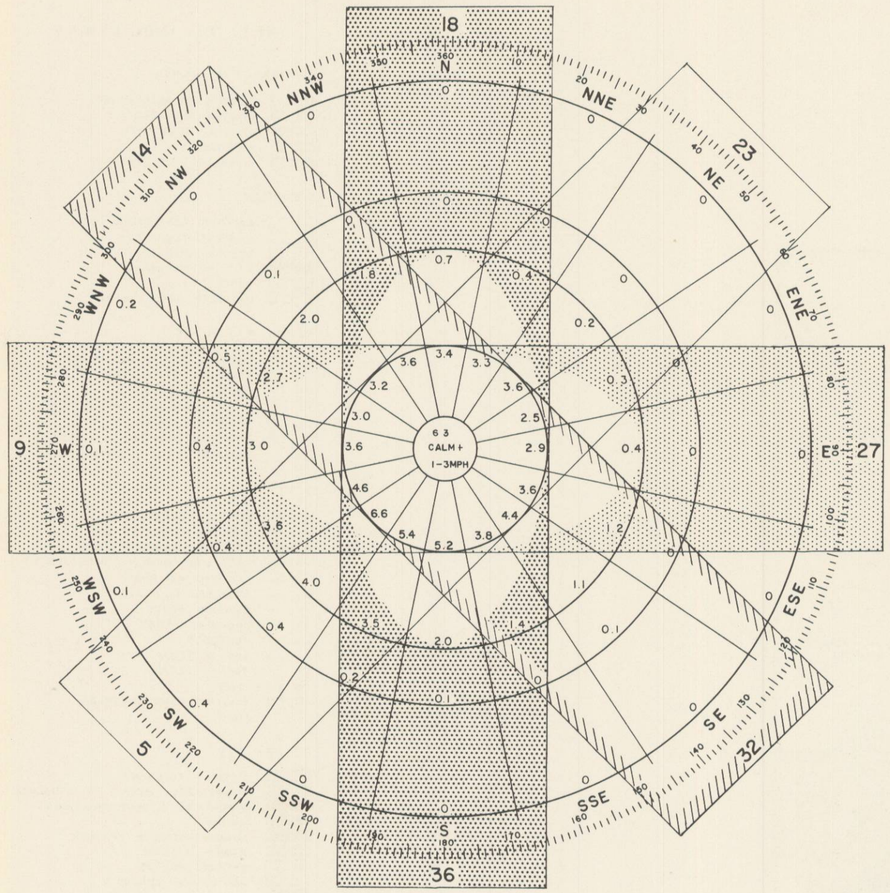
WIND DATA PERIOD JAN. 1947 THRU DEC. 1950



USAF RUNWAY WIND COMPUTER

SCALE IN MILES PER HOUR

0 5 10 15 20 25 30 35 40 45 50

0 EQUALS LESS THAN 05 PERCENT

WIND COVERAGE TABULATIONS

EXISTING RUNWAY DIRECTIONS AND COMBINATIONS							PLANNED RUNWAY DIRECTIONS AND COMBINATIONS						
% OF TRAFFIC	RUNWAY DIAGRAM	RUNWAY OR COMBINATION	RUNWAY LOAD BEAR. CAPACITY	RUNWAY LENGTH & W.S.T.H.	% COVERED	% NOT COVERED	RUNWAY DIAGRAM	RUNWAY OR COMBINATION	RUNWAY LOAD BEAR. CAPACITY	RUNWAY LENGTH & W.S.T.H.	% COVERED	% NOT COVERED	ULTIMATE EXTENSION
○		18 - 36	17,500 SINGLE	3,765' X 150'	84.0	16.0		18 - 36	25,000	3,765' X 150'	84.0	16.0	
○		5 - 23	17,500 SINGLE	5,000' X 150'	86.0	14.0		5 - 23	25,000	5,000' X 150'	86.0	14.0	
○		9 - 27	17,500 SINGLE	3,600' X 150'	86.0	14.0		9 - 27	25,000	3,600' X 150'	86.0	14.0	TO 10,000'
○	*	14 - 32	17,500 SINGLE	9,500' X 150'	84.0	16.0	*	14 - 32	25,000	9,500' X 150'	84.0	16.0	TO 10,000'
		18 - 36 5 - 23			91.0	9.0		18 - 36 5 - 23			91.0	9.0	
		18 - 36 9 - 27			97.0	3.0		18 - 36 9 - 27			97.0	3.0	
		18 - 36 14 - 32			91.0	9.0		18 - 36 14 - 32			91.0	9.0	
		5 - 23 9 - 27			87.0	13.0		5 - 23 9 - 27			87.0	13.0	
		5 - 23 14 - 32			97.0	3.0		5 - 23 14 - 32			97.0	3.0	
		9 - 27 14 - 32			91.0	9.0		9 - 27 14 - 32			91.0	9.0	
		18 - 36 5 - 23 9 - 27			97.0	3.0		18 - 36 5 - 23 9 - 27			97.0	3.0	
		5 - 23 9 - 27 14 - 32			98.0	2.0		5 - 23 9 - 27 14 - 32			98.0	2.0	
		9 - 27 14 - 32 18 - 36			99.0	1.0		9 - 27 14 - 32 18 - 36			99.0	1.0	
		14 - 32 18 - 36 5 - 23			97.0	3.0		14 - 32 18 - 36 5 - 23			97.0	3.0	
		18 - 36 5 - 23 9 - 27 14 - 32			100.0	0.0		18 - 36 5 - 23 9 - 27 14 - 32			100.0	0.0	

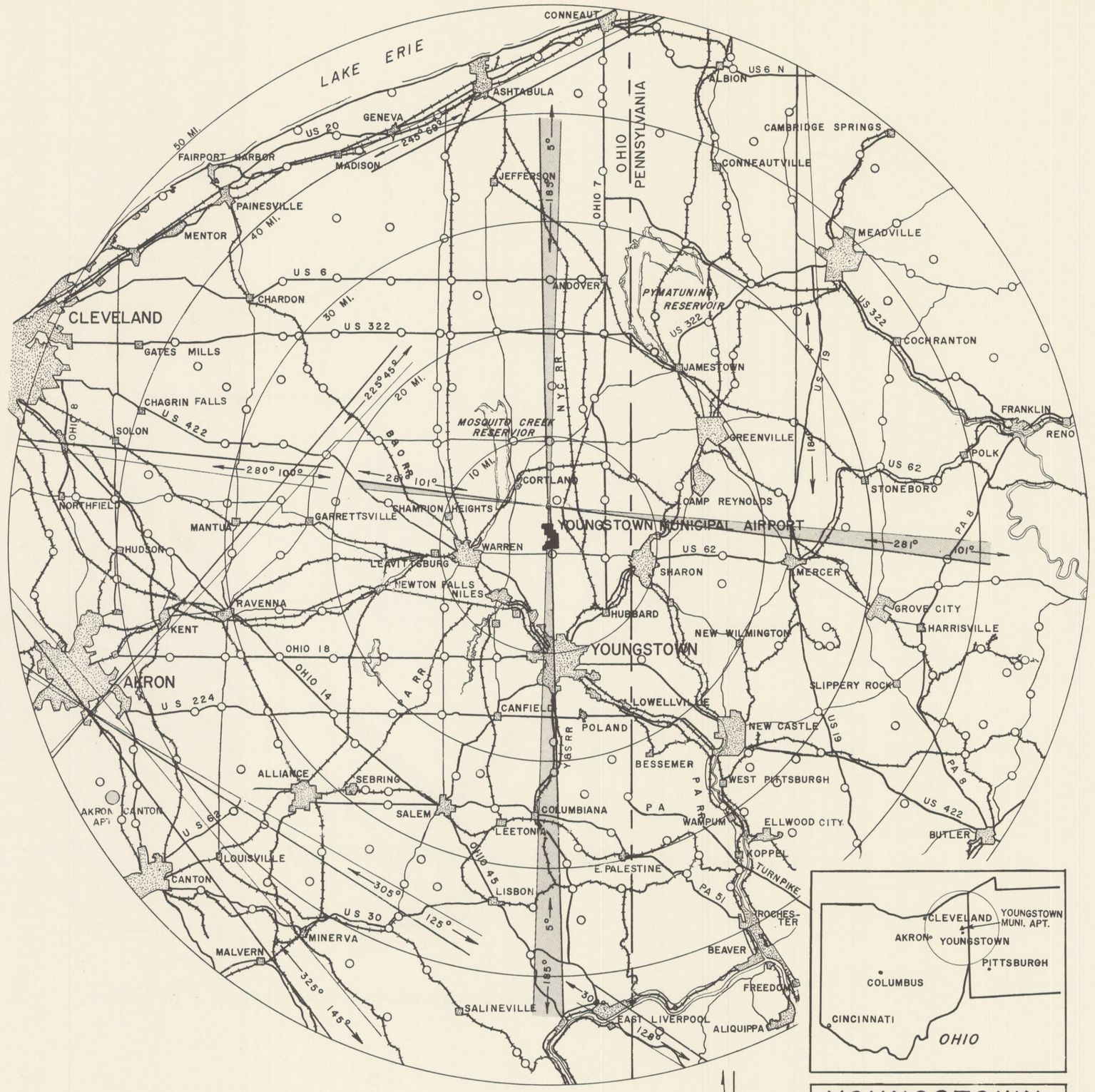
* INDICATES INSTRUMENT RUNWAY DATA FROM U.S. WEATHER BUREAU

○ NO TRAFFIC SURVEY AVAILABLE

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

10 5 0 10 20

SCALE IN MILES

NORTH

4° 30' W MAG. DEC.

YOUNGSTOWN

MUNICIPAL AIRPORT
YOUNGSTOWN OHIO

VICINITY MAP
WIND ANALYSIS
AIRFIELD PAVEMENT