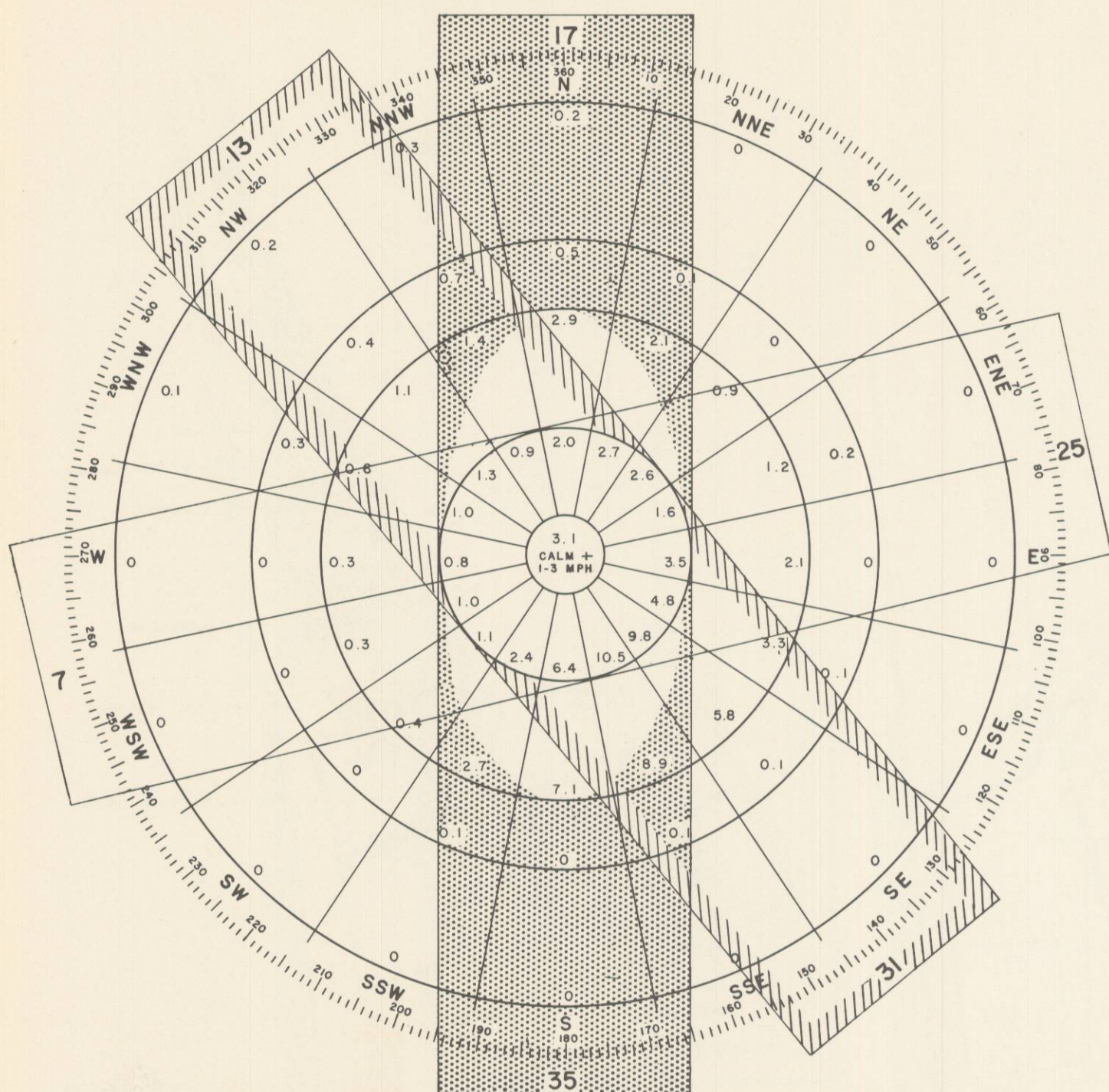


WIND DATA PERIOD JAN. 1950 THRU AUG. 1951



USAF RUNWAY WIND COMPUTER

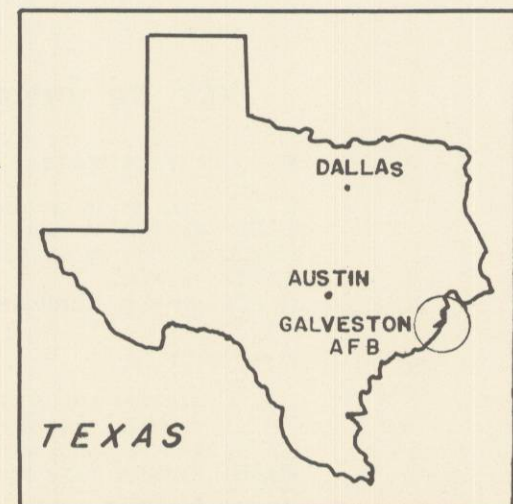
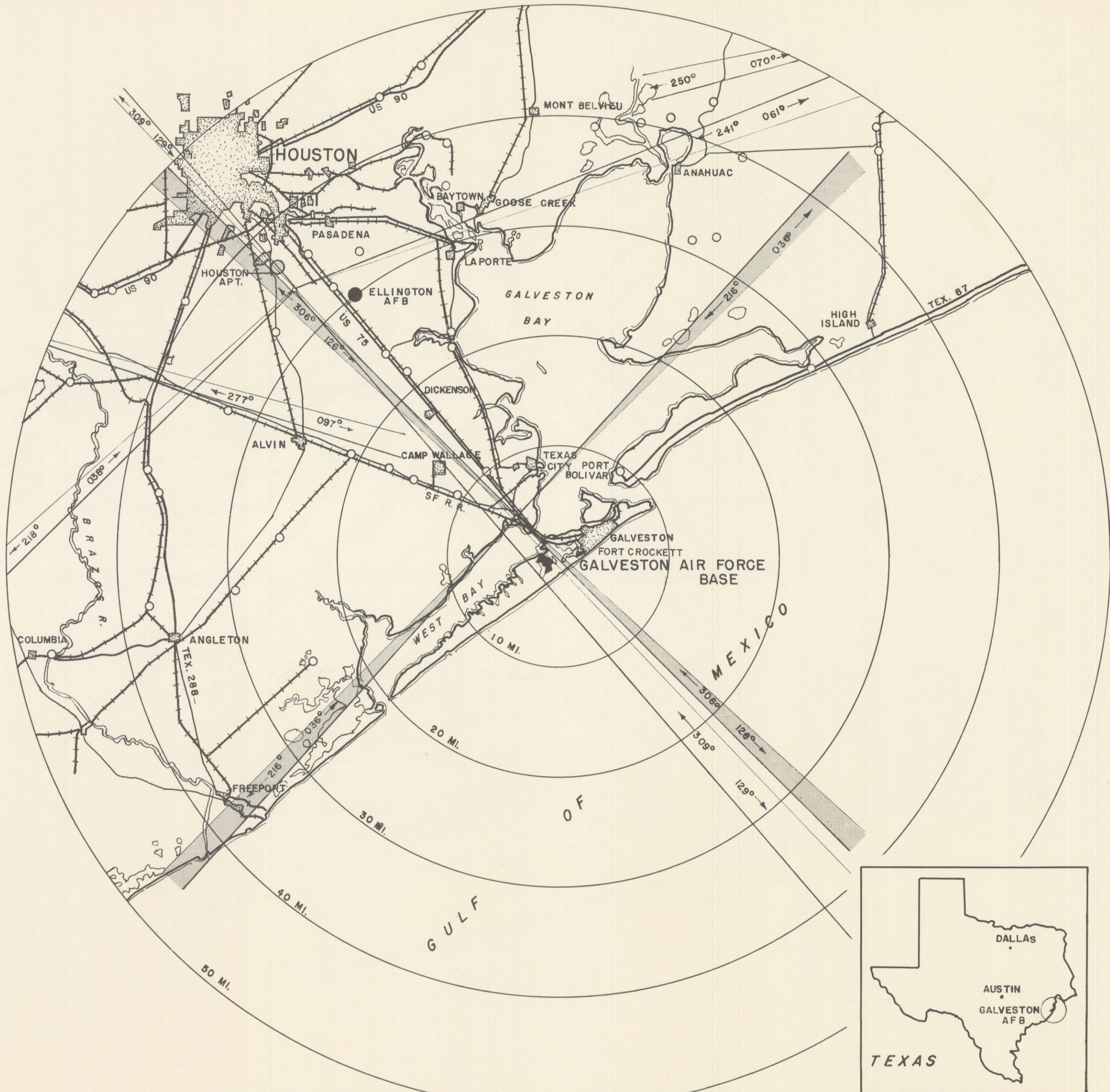
SCALE IN MILES PER HOUR  
0 EQUALS LESS THAN .05 PERCENT

WIND COVERAGE TABULATIONS

EXISTING RUNWAY DIRECTIONS AND COMBINATIONS						PLANNED RUNWAY DIRECTIONS AND COMBINATIONS							
1943 % OF TRAFFIC	RUNWAY DIAGRAM	RUNWAY OR COMBINATION	RUNWAY LOAD BEAR. CAPACITY	LENGTH & WIDTH	% COVERED	% NOT COVERED	RUNWAY DIAGRAM	RUNWAY OR COMBINATION	RUNWAY LOAD BEAR. CAPACITY	LENGTH & WIDTH	% COVERED	% NOT COVERED	ULTIMATE EXTENSION
72		17-35	34,000 DUAL	6,000' X 150'	85.1	14.9		17-35	25,000	6,000' X 150'	85.1	14.9	
10	/	13-31	25,000 DUAL	6,000' X 150'	84.4	15.6	*	13-31	25,000	8,500' X 150'	84.4	15.6	
18	-	7-25	40,000 DUAL	6,000' X 150'	66.3	33.7	-	7-25	25,000	6,000' X 150'	66.3	33.7	
	+	17-35 13-31			94.9	5.1	+	17-35 13-31			94.9	5.1	
	+	17-35 7-25			93.4	6.6	+	17-35 7-25			93.4	6.6	
	x	13-31 7-25			91.7	8.3	x	13-31 7-25			91.7	8.3	
	*	17-35 13-31 7-25			99.5	0.5	*	17-35 13-31 7-25			99.5	0.5	

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.



**GALVESTON**  
AIR FORCE BASE  
GALVESTON TEXAS  
**VICINITY MAP**  
WIND ANALYSIS  
AIRFIELD PAVEMENT

