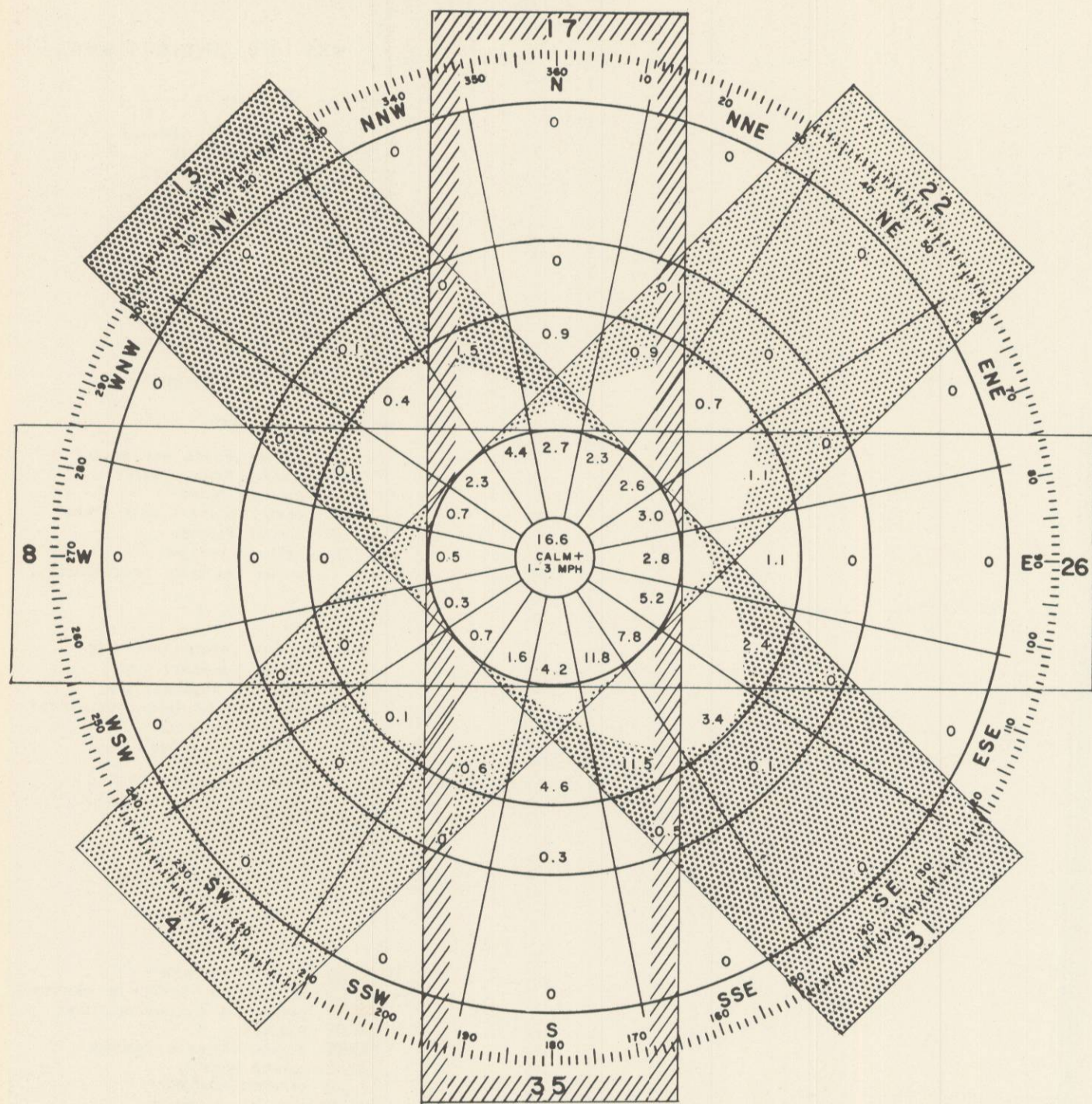
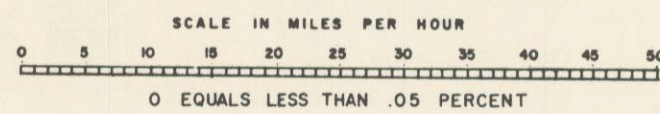


WIND DATA PERIOD MARCH 1942 - JAN. 1946



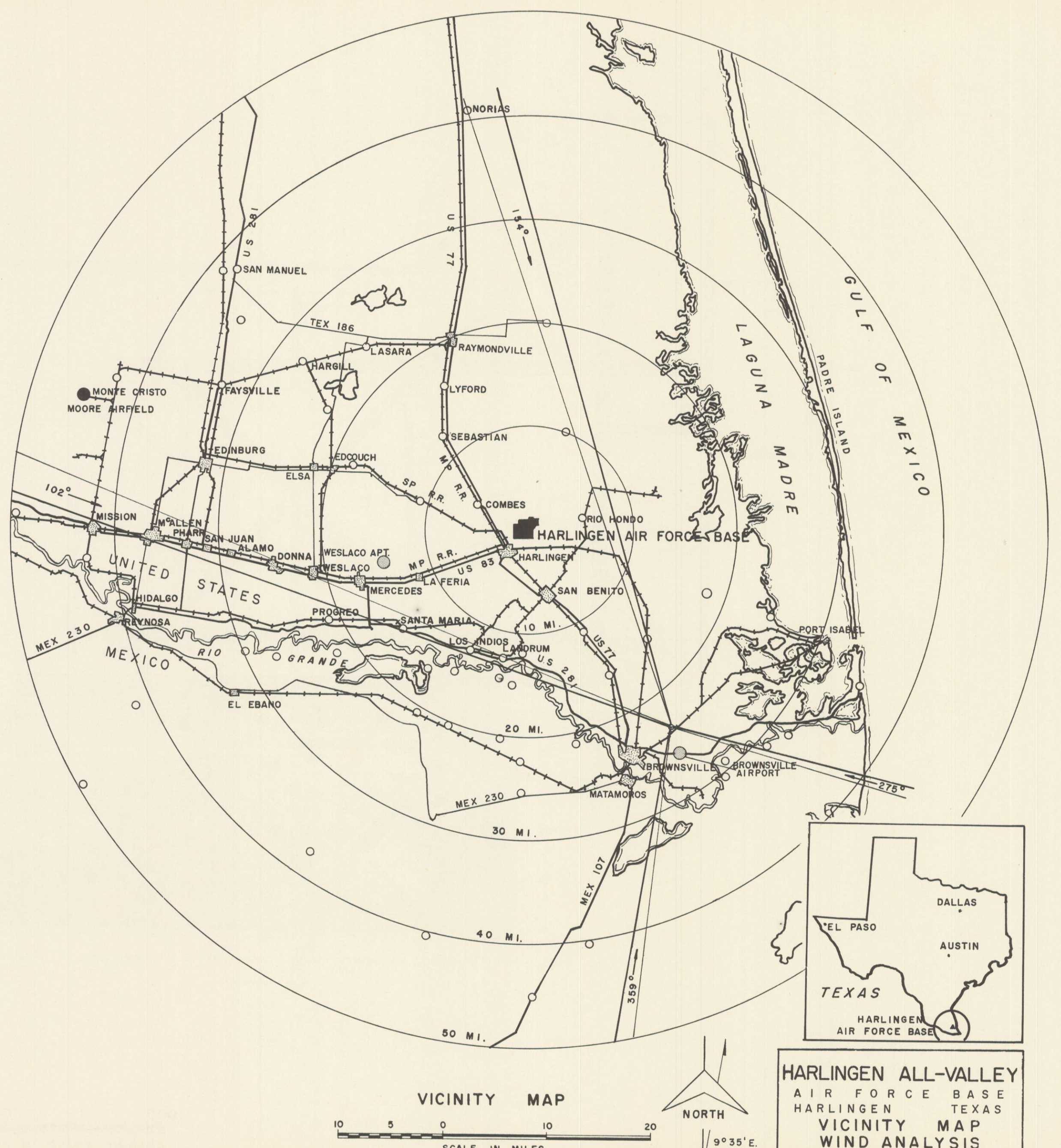
USAF RUNWAY WIND COMPUTER



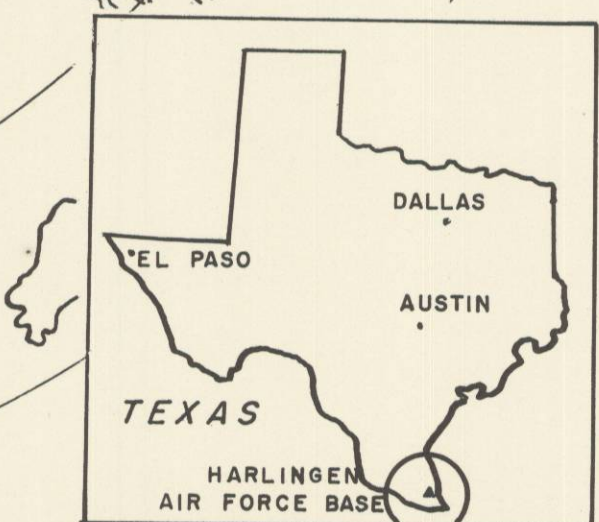
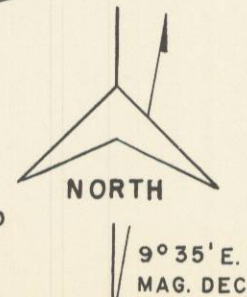
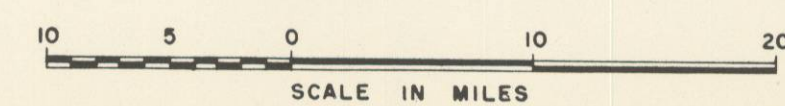
WIND COVERAGE TABULATIONS

EXISTING				PLANNED			
RUNWAY DIRECTION	LOAD BEARING CAPACITY	PERCENTAGE COVERED	PERCENTAGE NOT COVERED	RUNWAY DIRECTION	LOAD BEARING CAPACITY	PERCENTAGE COVERED	PERCENTAGE NOT COVERED
17L-35R	40,000	93.8	6.2	17L-35R	25,000	93.8	6.2
17R-35L	30,000	93.8	6.2	17R-35L	25,000	93.8	6.2
13-31	40,000	93.2	6.8	13-31	25,000	93.2	6.8
4-22	40,000	78.6	21.4	4-22	25,000	78.6	21.4
8-26	30,000	79.2	20.8	8-26	25,000	79.2	20.8
17L-35R 17R-35L 13-31		98.2	1.8	17L-35R 17R-35L 13-31		98.2	1.8
17L-35R 17R-35L 4-22		95.5	4.5	17L-35R 17R-35L 4-22		95.5	4.5
17L-35R 17R-35L 8-26		98.0	2.0	17L-35R 17R-35L 8-26		98.0	2.0
13-31 4-22		97.5	2.5	13-31 4-22		97.5	2.5
13-31 8-26		95.3	4.7	13-31 8-26		95.3	4.7
4-22 8-26		85.7	14.3	4-22 8-26		85.7	14.3
17L-35R 17R-35L 13-31 4-22		99.7	0.3	17L-35R 17R-35L 13-31 4-22		99.7	0.3
13-31 4-22 8-26		97.5	2.5	13-31 4-22 8-26		97.5	2.5
4-22 8-26 17L-35L		99.8	0.2	4-22 8-26 17L-35L		99.8	0.2
8-26 13-31 17L-35R 17R-35L		98.5	1.5	8-26 13-31 17L-35R 17R-35L		98.5	1.5
17L-35R 13-31 4-22 8-26		100.0	0.0	17L-35R 13-31 4-22 8-26		100.0	0.0

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



HARLINGEN ALL-VALLEY AIR FORCE BASE
HARLINGEN TEXAS
VICINITY MAP
WIND ANALYSIS
AIRFIELD PAVEMENT