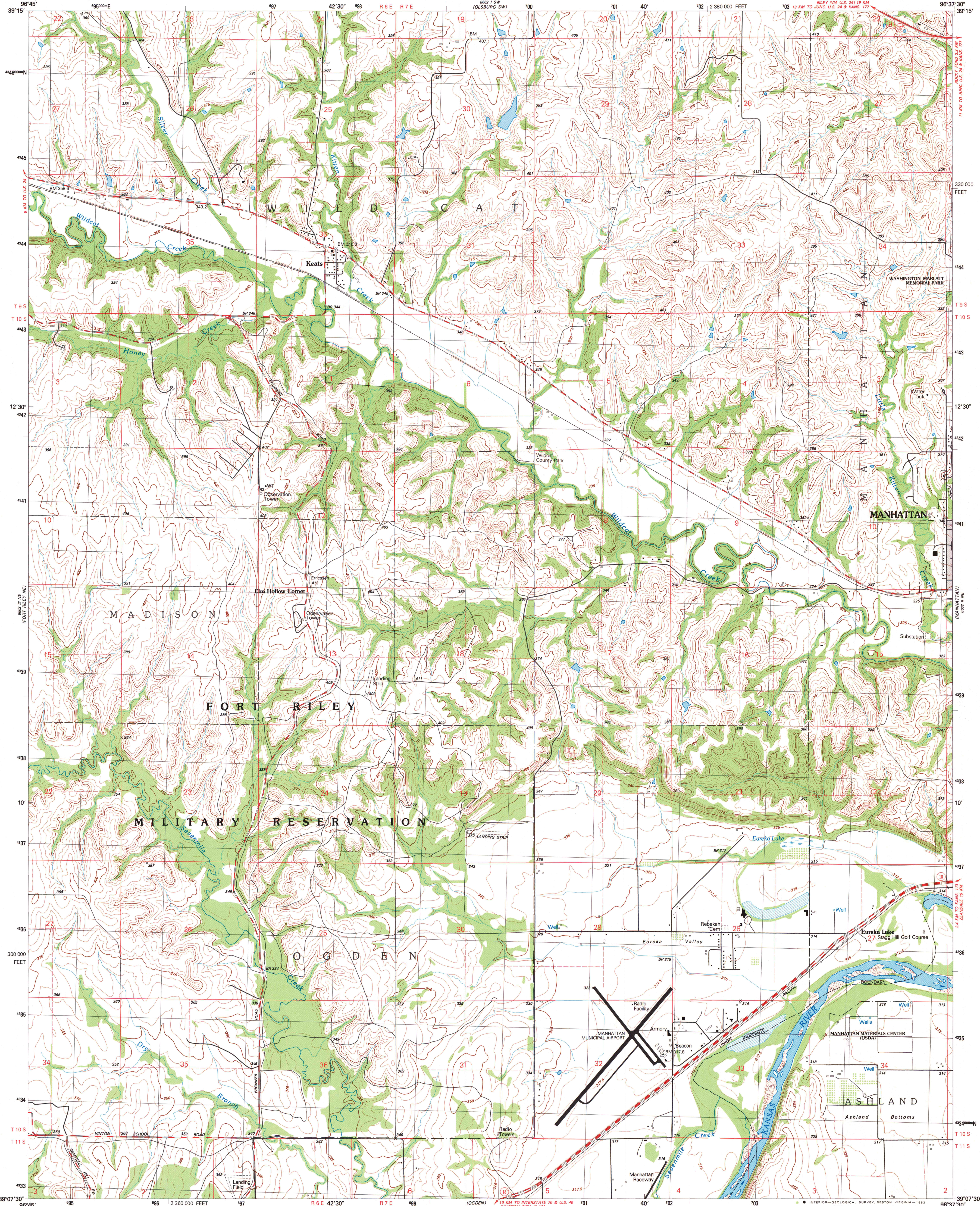


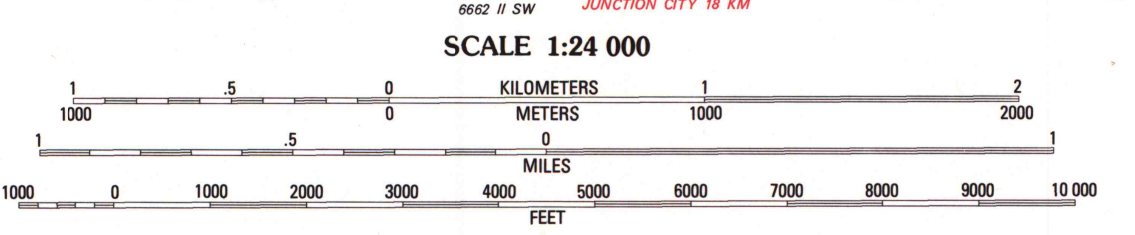
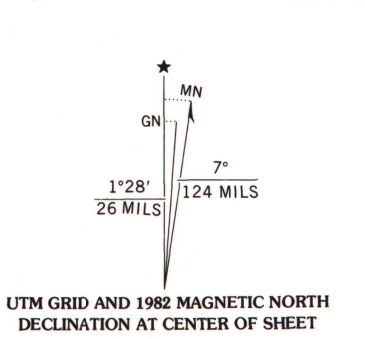


CONVERSION SCALES

Feet	Meters
15000	4500
14000	4267
13000	4000
12000	3658
11000	3353
10000	3048
9000	2743
8000	2438
7000	2134
6000	1829
5000	1524
4000	1219
3000	914
2000	609
1000	305
500	152
200	61
100	30
0	0

To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

Produced by the United States Geological Survey
in cooperation with State of Kansas agencies
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs
taken 1978. Field checked 1980. Map edited 1982
Supersedes map dated 1955
Projection and 10,000-foot grid ticks: Kansas coordinate
system, north zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 14
1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 2 meters north and
26 meters east as shown by dashed corner ticks
There may be private inholdings within the boundaries of
the National or State reservations shown on this map
Gray tint indicates area in which only landmark buildings are shown
Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked



CONTOUR INTERVAL 5 METERS
DOTTED LINES REPRESENT 2.5 METER CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND BY THE STATE GEOLOGICAL SURVEY, LAWRENCE, KANSAS 66044
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road

Interstate Route U. S. Route State Route

MAP AND AIR PHOTO LIBRARY
JAN 26 1983
University of Wisconsin Madison

KEATS, KANS.
NW/4 MANHATTAN 15' QUADRANGLE
N3907.5-W9637.5/7.5
1982
DMA 6662 II NW-SERIES V878