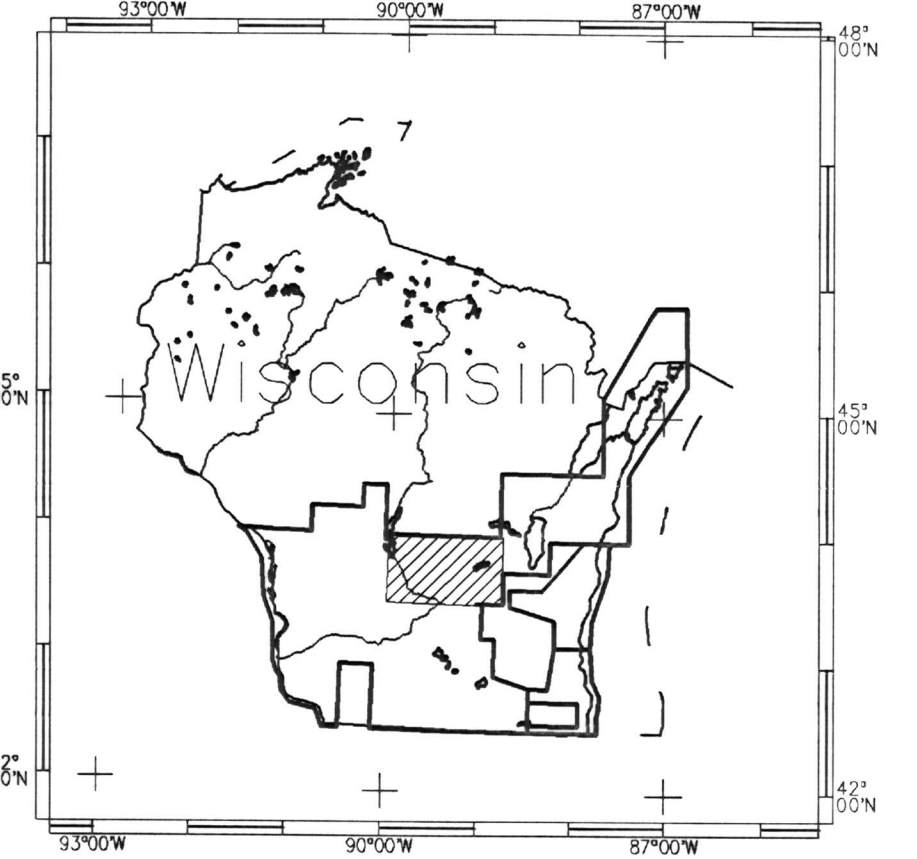
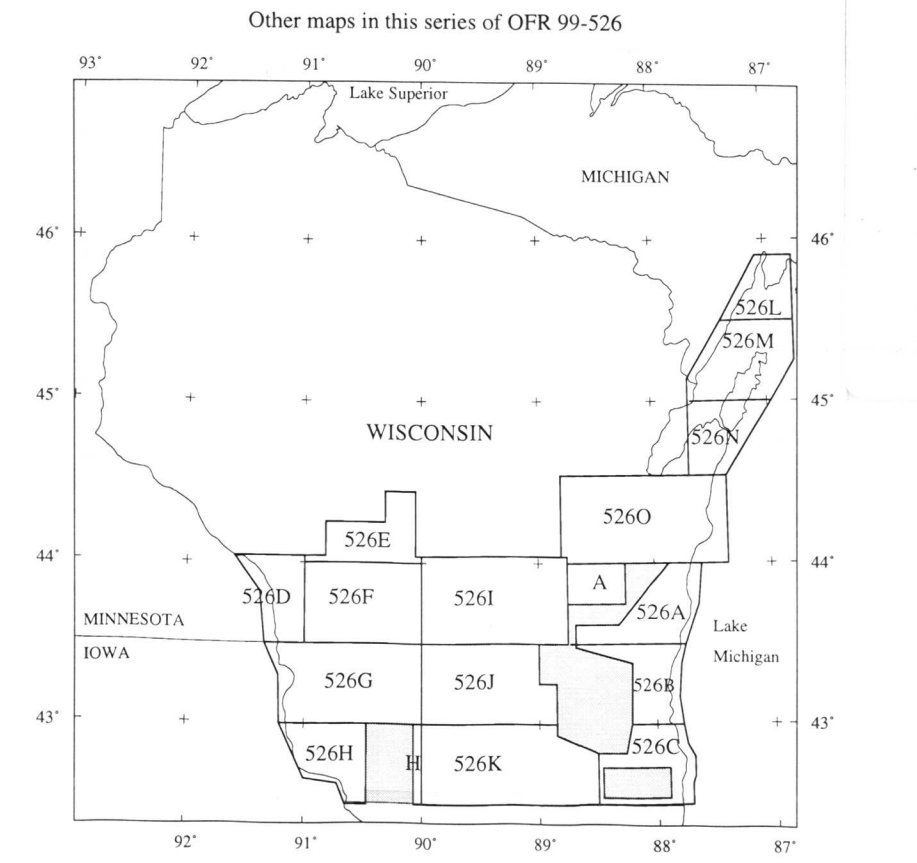
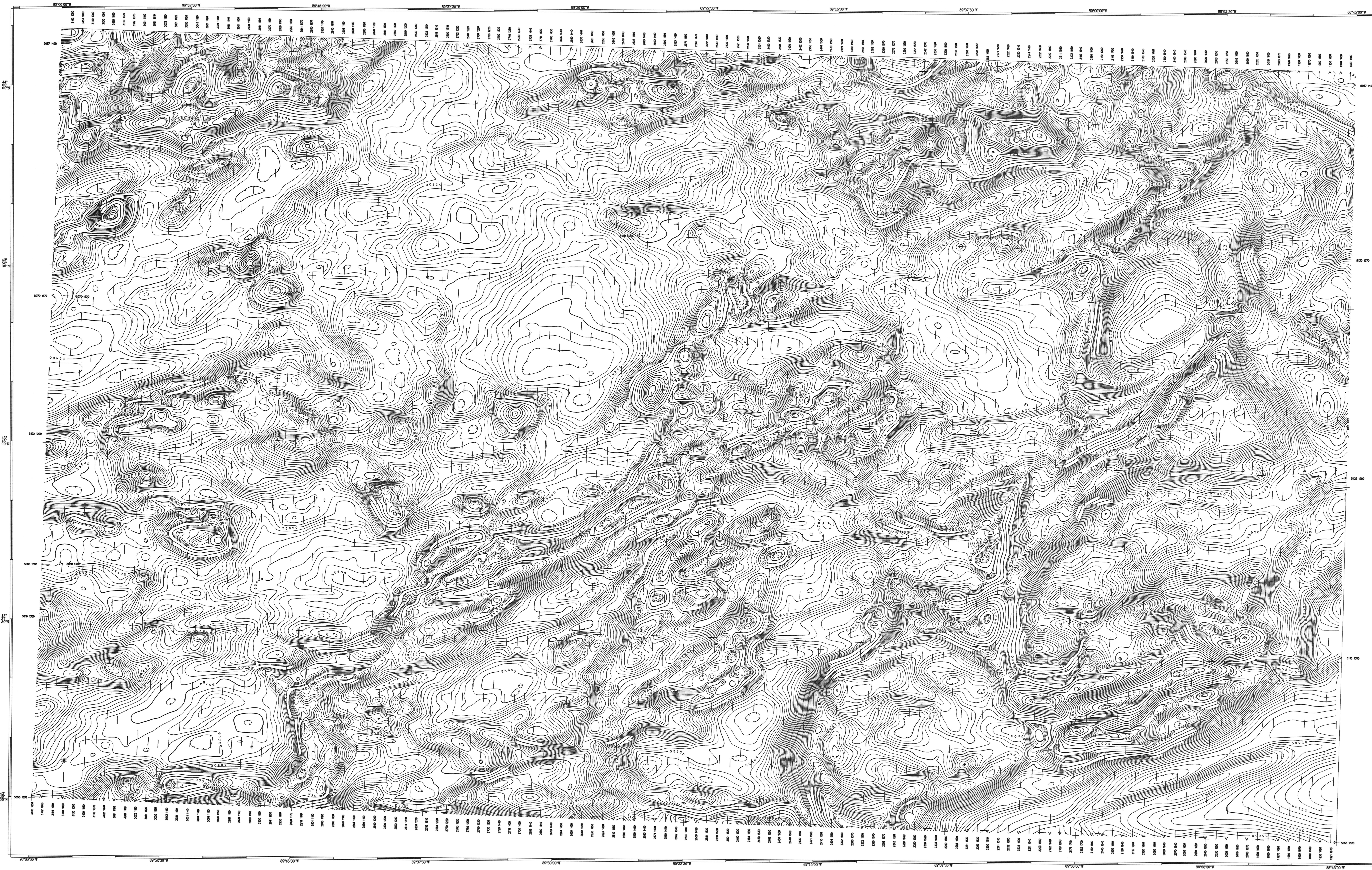


165-1
135-1
99-526-2



SURVEY SPECIFICATIONS
Aircraft Altitude: 300m, a.g.l.
Sensor Altitude: 300m, a.g.l.
Line Spacing: 805m, Traverse / variable Control
Flight Direction: N-S Traverse / E-W Control

AIRCRAFT
Aviation Company: Bruzelandair International
Manufacturer/Type: Cessna 206 (C-GNXX)
Survey Speed: 220 km/hr

EQUIPMENT
High-Sense GPS: 1 geophysical flight control system with the following sensors installed in the aircraft:
Magnetometer: Scintrex CS2 cesium
Radar Altimeter: Terra 3000
GPS Navigation: Novatel 3751 12 channel

COMPILATION
FLIGHT PATH:
GPS data recorded during the flight has been differentially corrected and transformed to correspond to the Clarke 1866 (NAD27), Mean Cent. USA coordinate system.
Spheroid: Clarke 1866 a=6378206.4 b=6356583.8
Projection: Universal Transverse Mercator
Local Datum Shift: $a_x a_y a_z = 8 -160 -176$
Central Meridian: 87°W
False Easting/Northing: 500,000 m. 0 m.

Line Number: 3020-2
Direction Indicator:
Flight Number:
Fiducial:

Note: Reproduction for open-file may introduce minor errors in scale and projection.

MAGNETICS:
The magnetic data has been corrected for diurnal variation by a process of base station subtraction.
Heading errors have been eliminated by control-line levelling.

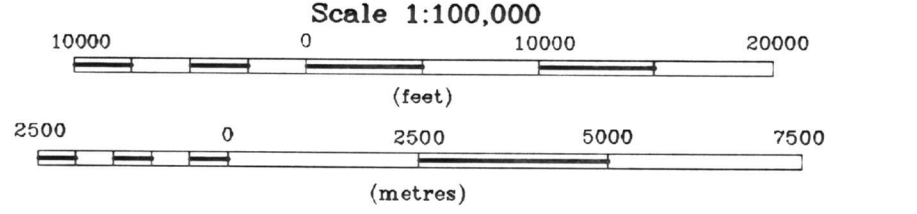
The grid interval is: 150 metres
The contour intervals are: 10, 50, 250 nT

*: LATITUDE: 43.52651° NORTH
LONGITUDE: 89.97013° WEST
RAW MAG: 56725.38 nT
IGRF'D MAG: -464.65 nT
DATE: 98-12-02
TIME: 15:09:58 UTC

**AEROMAGNETIC SURVEY OF THE
WISCONSIN DELLS AND PARTS
OF THE WISCONSIN RAPIDS,
APPLETON, AND FOND DU LAC
1:100,000 QUADRANGLES,
WISCONSIN**

BY
**U.S. GEOLOGICAL SURVEY
1999**

High-Sense Geophysics Ltd. 50 West Beaver Creek
Richmond Hill, Canada L4B 1G5



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