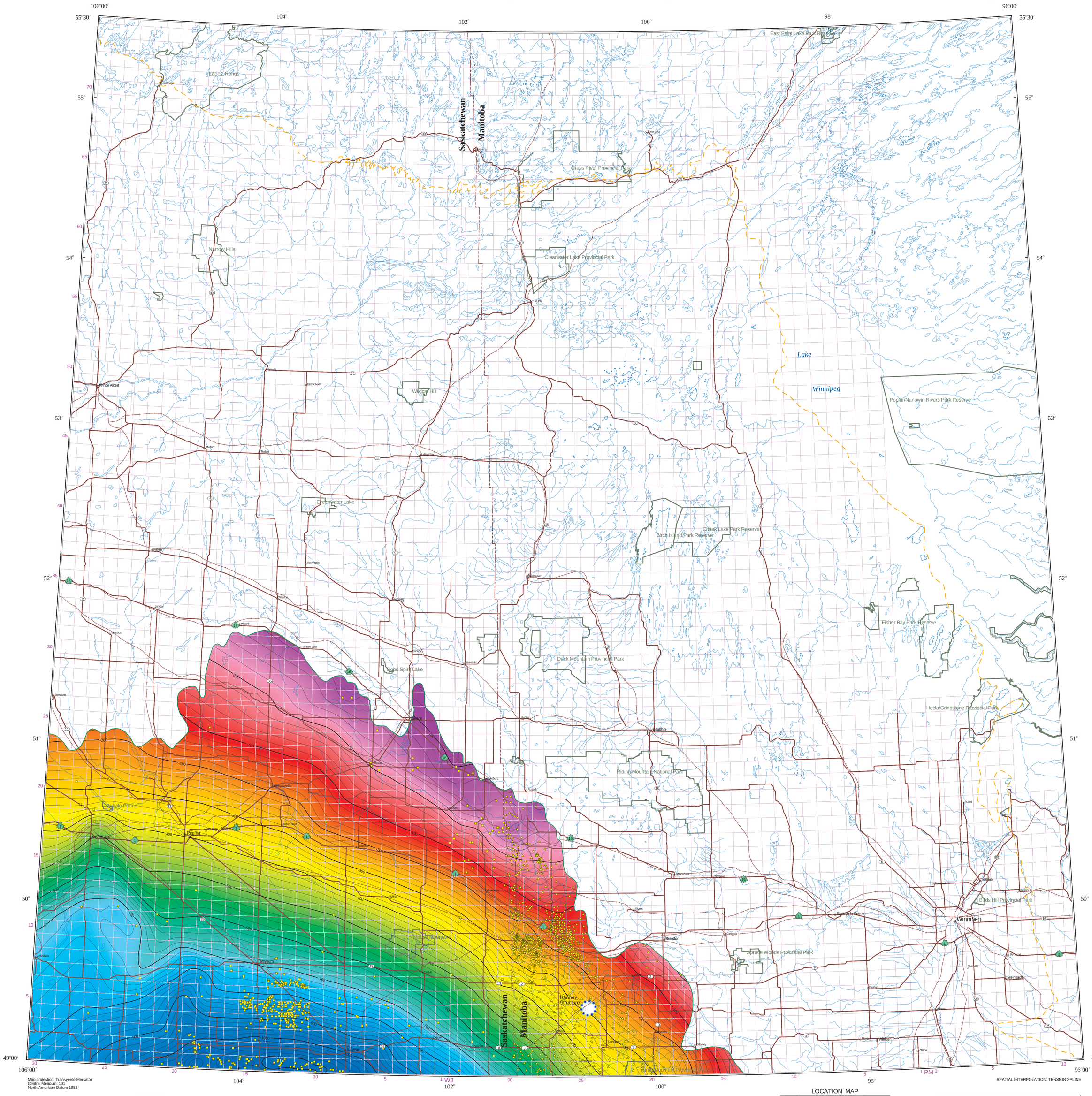
Natural Resources Canada / Ressources naturelles Canada

Saskatchewan Ministry of Energy and Resources

Manitoba Science, Technology, Energy and Mines Petroleum



Map projection: Transverse Mercator
Central Meridian: 101
North American Datum 1983

SPATIAL INTERPOLATION: TENSION SPLINE

SYMBOLS

- Major highways
- Railways
- Federal and provincial parks
- Provincial boundary
- DLS system (township/range grid)
- Manitoba Geological Survey data
- Manitoba Petroleum Branch data
- Saskatchewan data
- Formation edge (subcrop, outcrop)
- Large-scale geological structure
- Limit of Phanerozoic outcrop

Elevation (asl), metres: 102 – -1166

Targeted Geoscience Initiative (TGI)

WILLISTON BASIN ARCHITECTURE AND HYDROCARBON POTENTIAL

Mississippian Erosional Surface: Structure Contour

Stratigraphic Map SM2008-M-S

Contour interval: 20 metres Scale: 1:1 000 000

Kilometres 20 0 20 40 60 80 100 Kilometres

LOCATION MAP

Geological compilation: TGI Williston Basin Working Group: R.K. Bezys[4], K. Kreis[3], C. Martiniuk[4], D. Barchyn[3], J. Christopher[3], J. Coolican[2], G.G. Conley[1], A. Costa[3], F. Haidl[2], G.R. Keller[1], D. Kent[3], A. Marsh[2], G.L.D. Matile[1], M.P.B. Nicolas[1], P. Thomas[4], S. Spooner[2], M. Yurkowski[2], A. Nimegeers[5], E. Nickel[2], M. Opseth[2], T. Music[2].

GIS spatial analysis and cartography: L.E. Chackowsky[1]

Published by:
Manitoba Science, Technology, Energy and Mines, Manitoba Geological Survey, 2008.

[1] Manitoba Science, Technology, Energy and Mines
[2] Saskatchewan Ministry of Energy and Resources
[3] Geological consultant
[4] Formerly of Manitoba Science, Technology, Energy and Mines
[5] Formerly of Saskatchewan Ministry of Energy and Resources

Digital release only; maps can be downloaded free of charge in PDF format at www.manitoba.ca/minerals or www.WillistonTGI.com

Suggested Reference:
TGI Williston Basin Working Group 2008: Mississippian Erosional Surface: structure contour; Manitoba Science, Technology, Energy and Mines, Manitoba Geological Survey, Stratigraphic Map SM2008-M-S, scale 1:1 000 000, URL www.WillistonTGI.com.

Canada Manitoba Government of Saskatchewan