

Figure 30. Some aspects of the surficial geology of northern Manitoba relevant to the deciphering glacial of the history. Moraines are named, Lake Agassiz beaches are numbered as follows: 1) Ojta, 2) The Pas, 3) Grand Rapids, 4) Ponton, 5) Fidler. Letters A-B, C-D, and E locate the regional profiles shown in Figure 31.

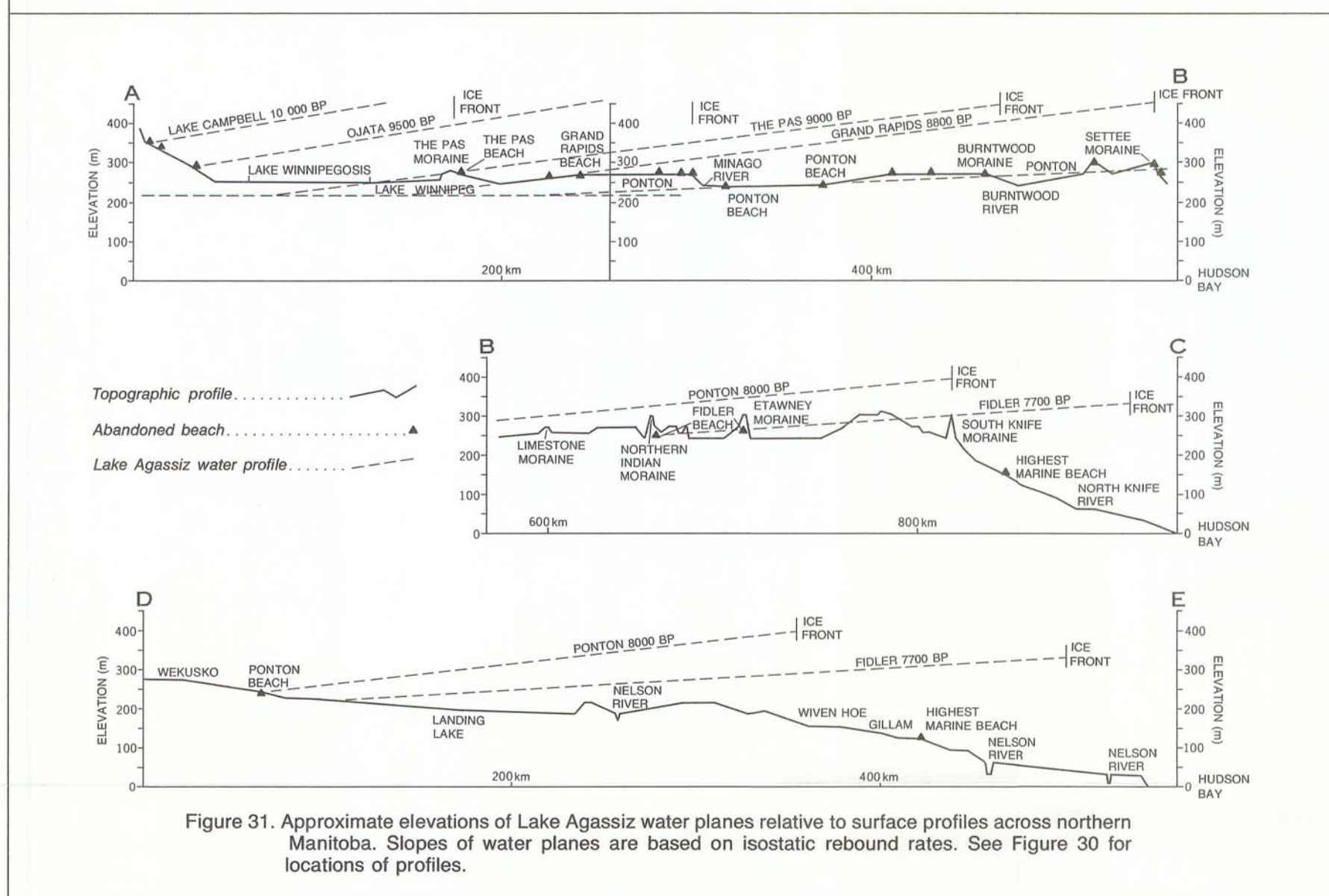


Figure 31. Approximate elevations of Lake Agassiz water planes relative to surface profiles across northern Manitoba. Slopes of water planes are based on isostatic rebound rates. See Figure 30 for locations of profiles.

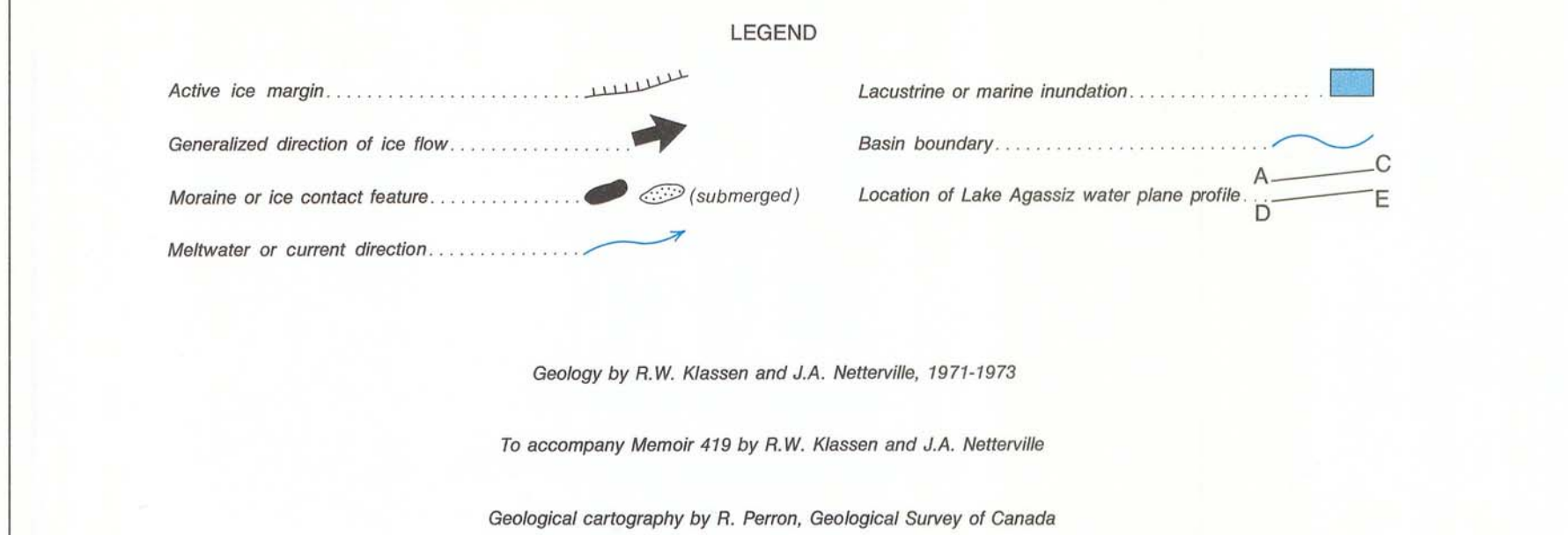


Figure 32. Extent of Lake Agassiz and deglaciation in northern Manitoba during Phase 1 about 9500 BP.

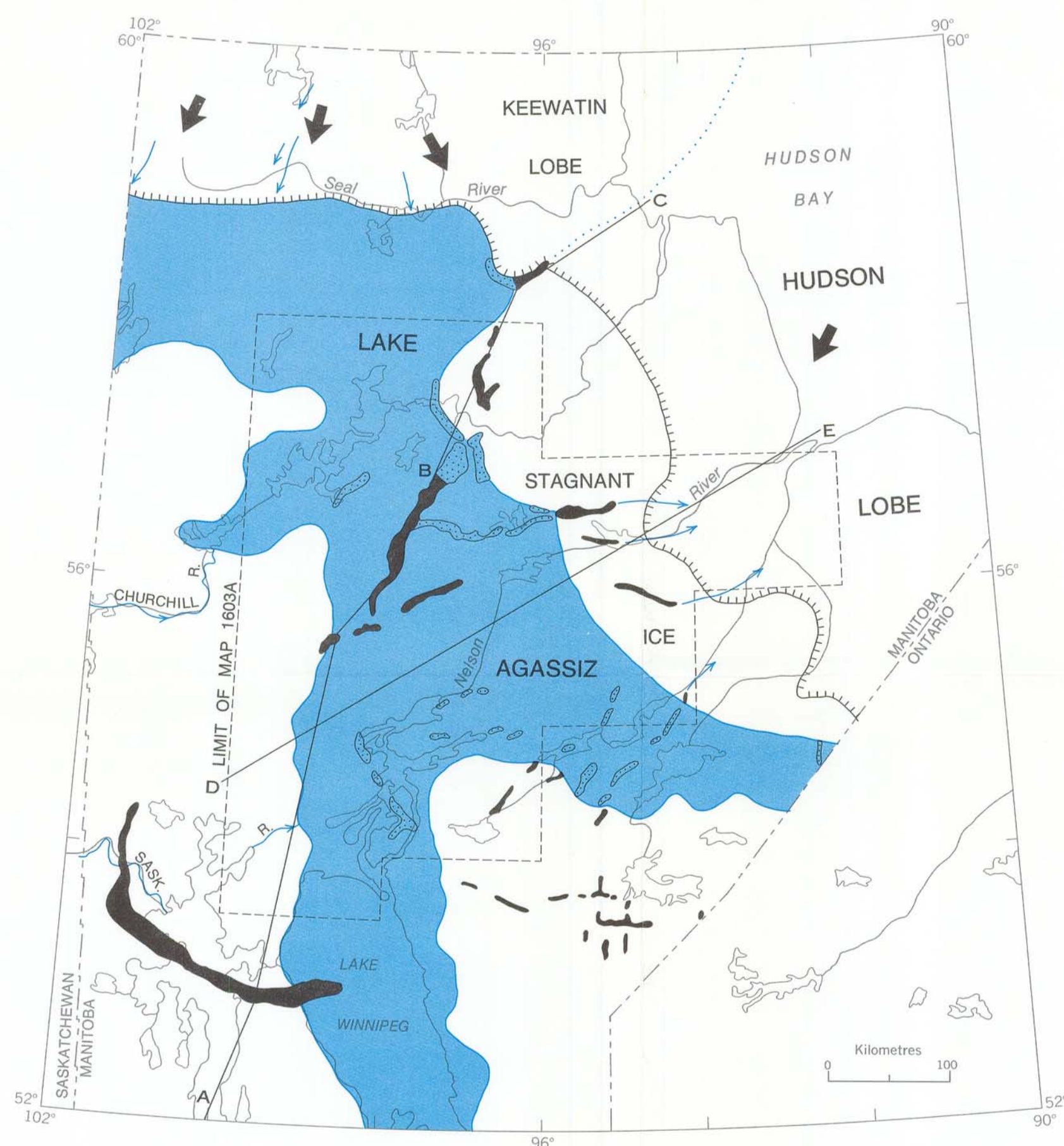


Figure 33. Extent of Lake Agassiz and deglaciation in northern Manitoba during Phase 2 about 9000 BP.

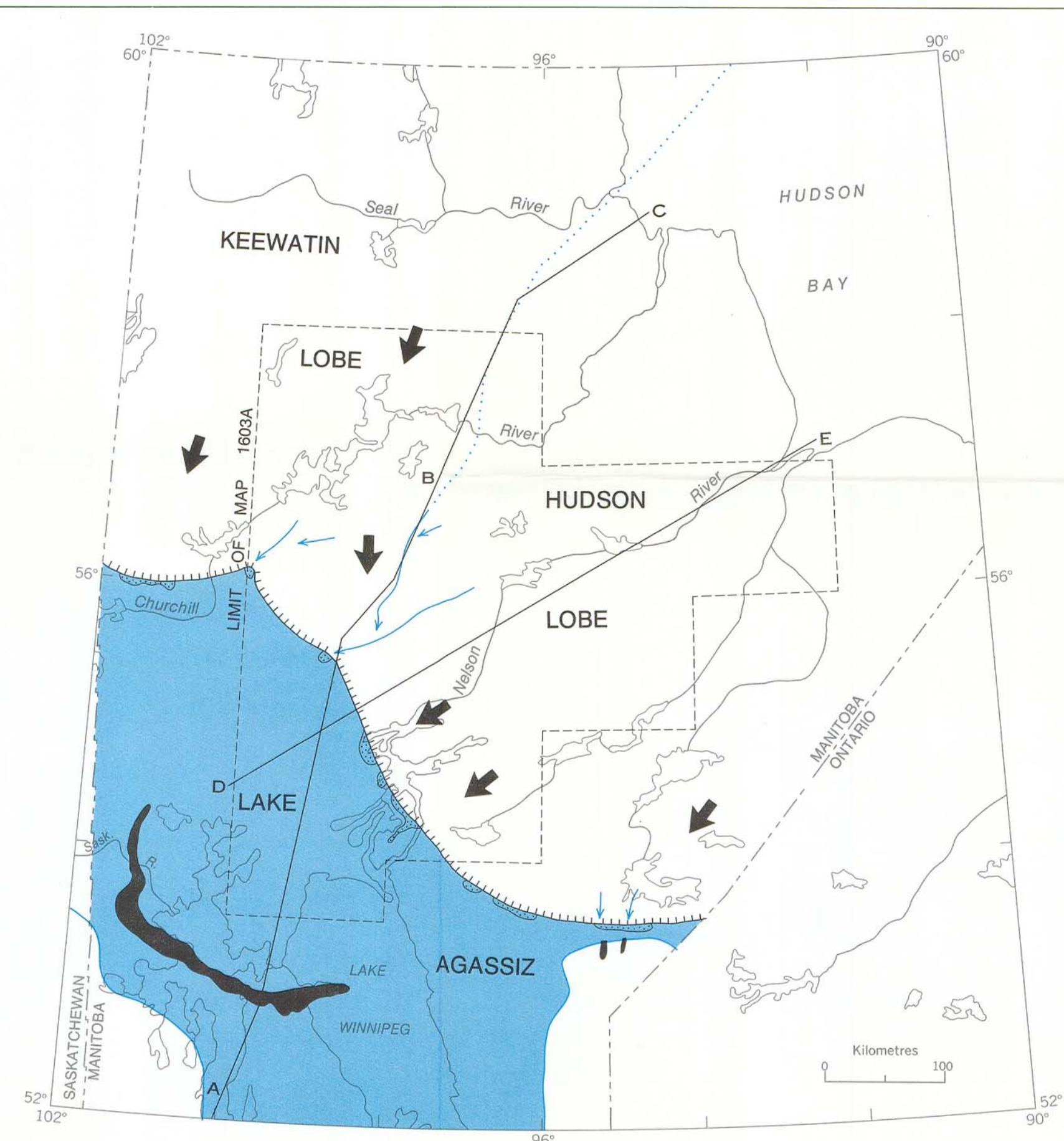


Figure 34. Extent of Lake Agassiz and deglaciation in northern Manitoba during Phase 3 about 8800 BP.

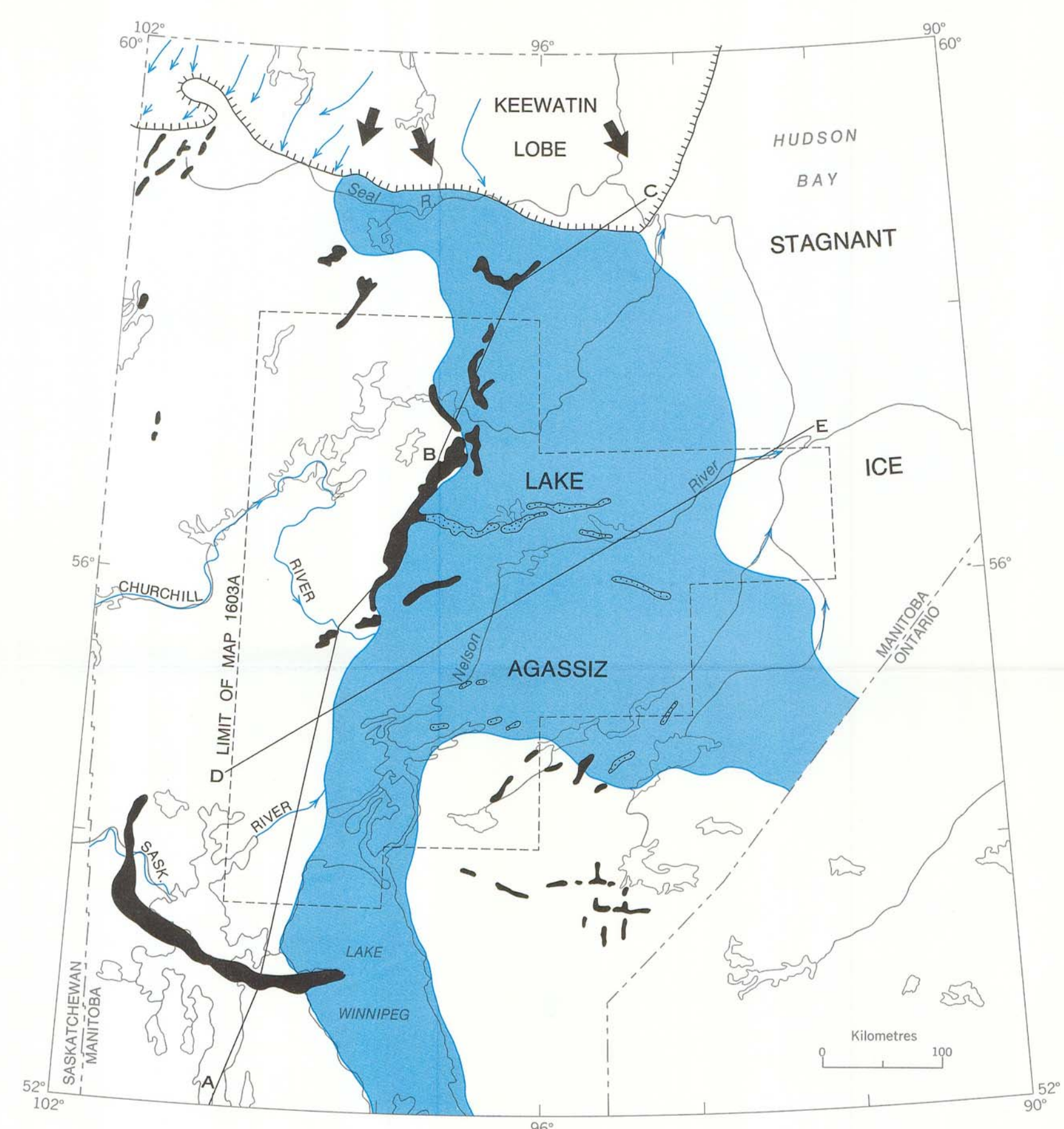


Figure 35. Extent of Lake Agassiz and deglaciation in northern Manitoba during Phase 4 about 8000 BP.

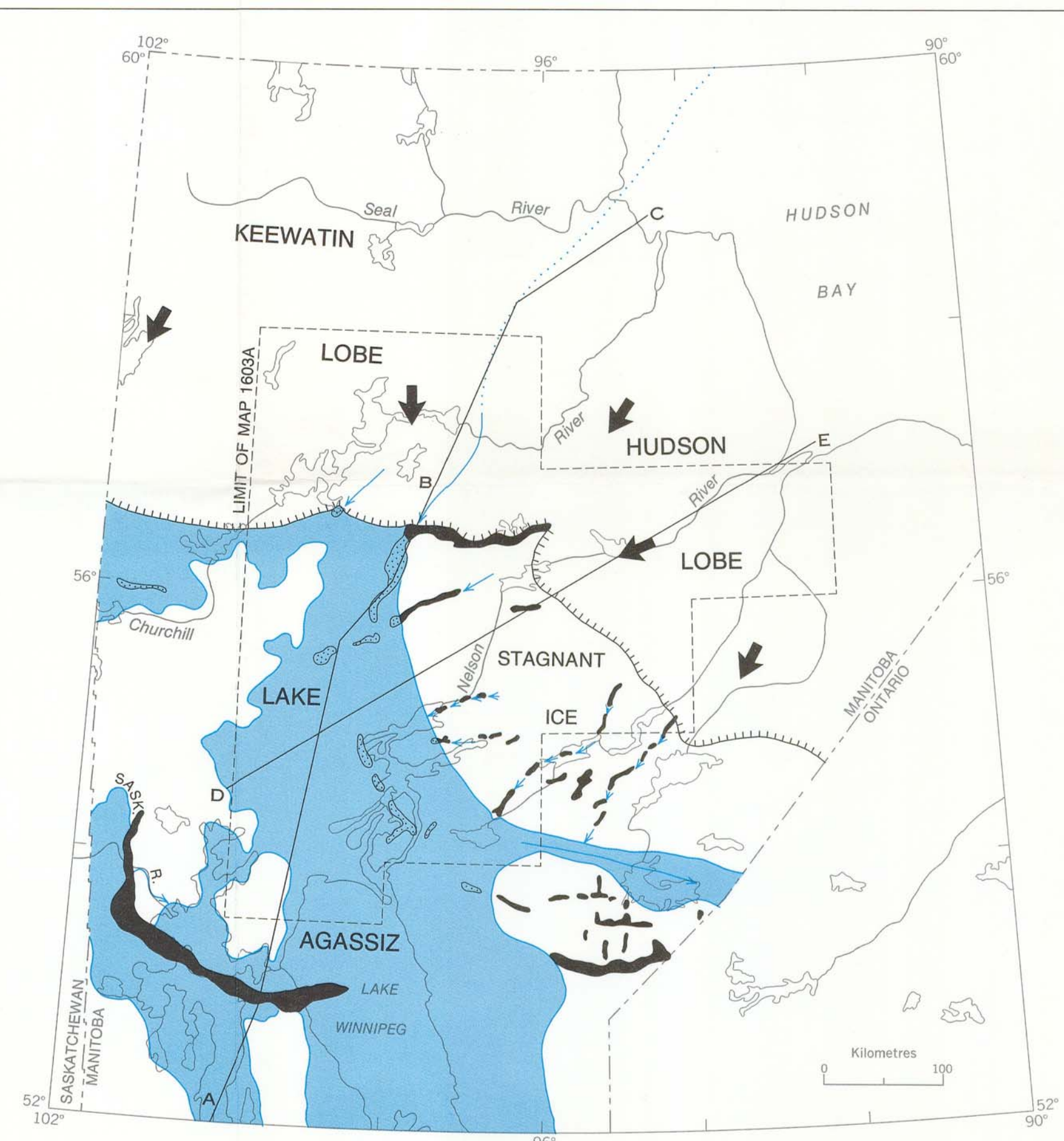


Figure 36. Extent of Lake Agassiz and deglaciation in northern Manitoba during Phase 5 about 7700 BP.

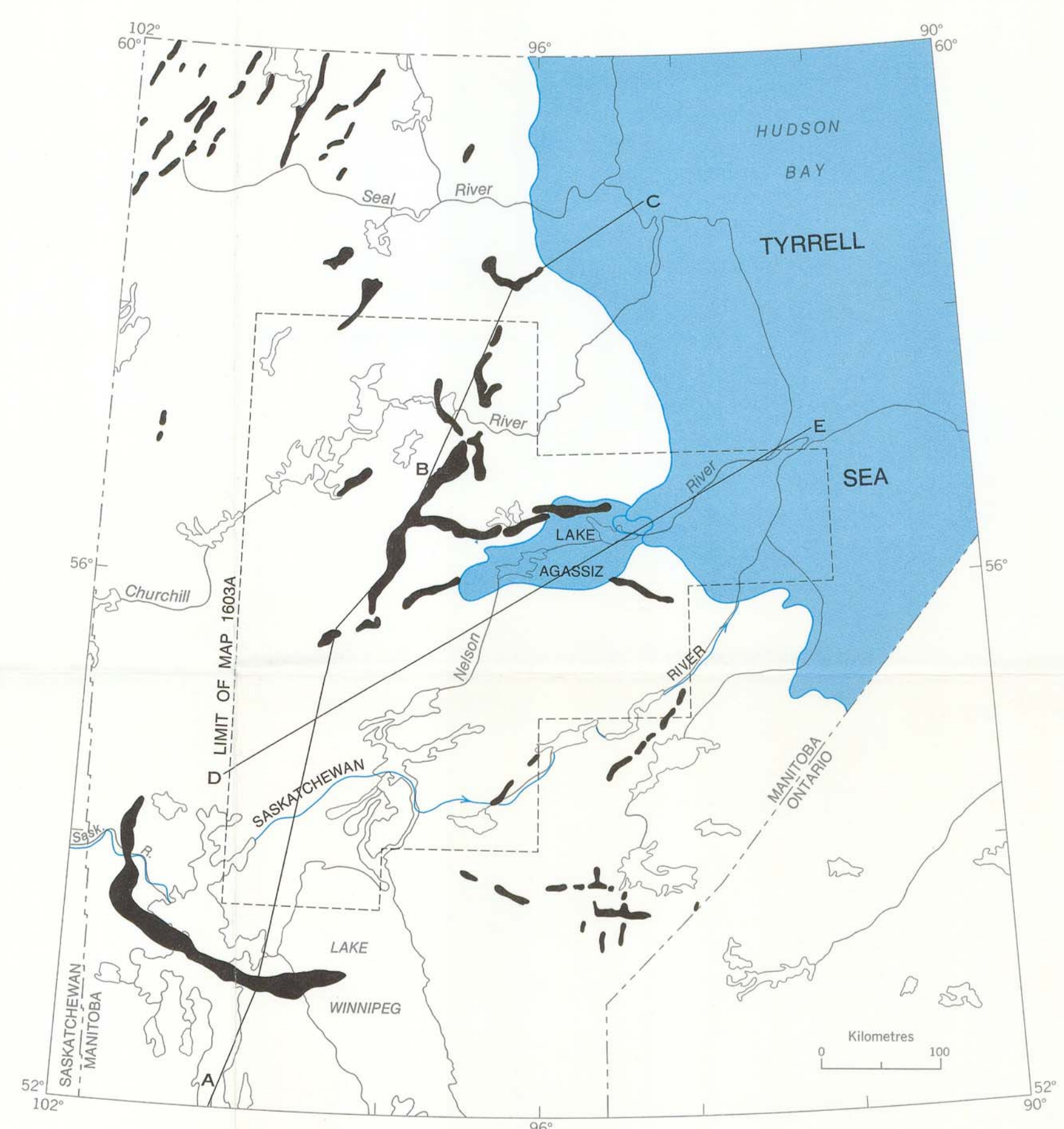


Figure 37. Final drainage of Lake Agassiz and maximum extent of the Tyrrell Sea in northern Manitoba during Phase 6 about 7500 BP.