

# **The Oil Sands from Space 1984-2018**

**J.D. Hughes  
March, 2019**



1984  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus



20 mi



1985  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus

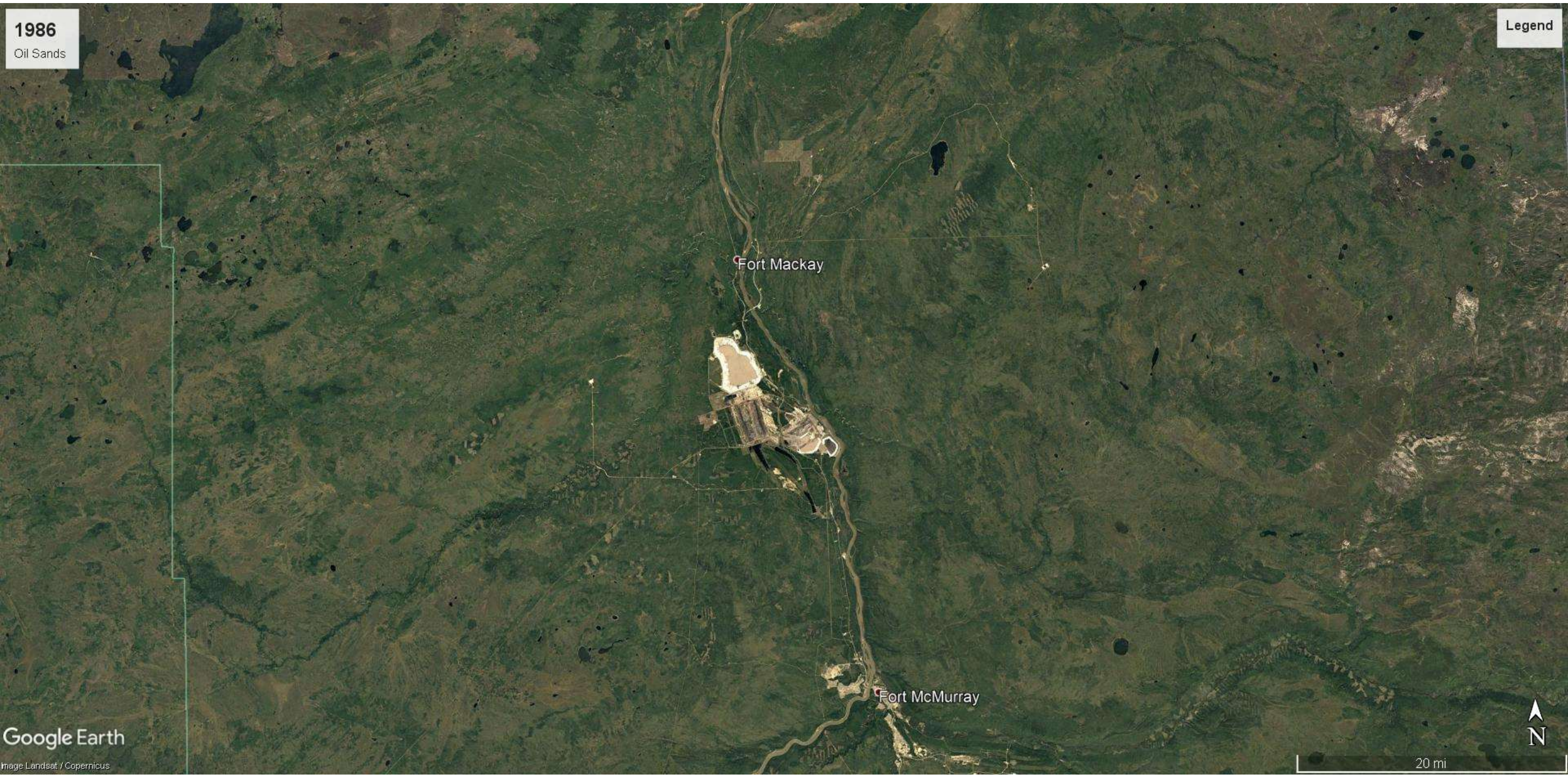
20 mi





1986  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus



20 mi



1987  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus



20 mi



1988  
Oil Sands

Legend



Fort Mackay



Fort McMurray

Google Earth  
Image Landsat / Copernicus

20 mi





1989  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus



20 mi



1990  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
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20 mi





1991  
Oil Sands

Legend



Fort Mackay

Fort McMurray





1992  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
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20 mi



1993  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus

20 mi





1994  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus



20 mi



1995  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus

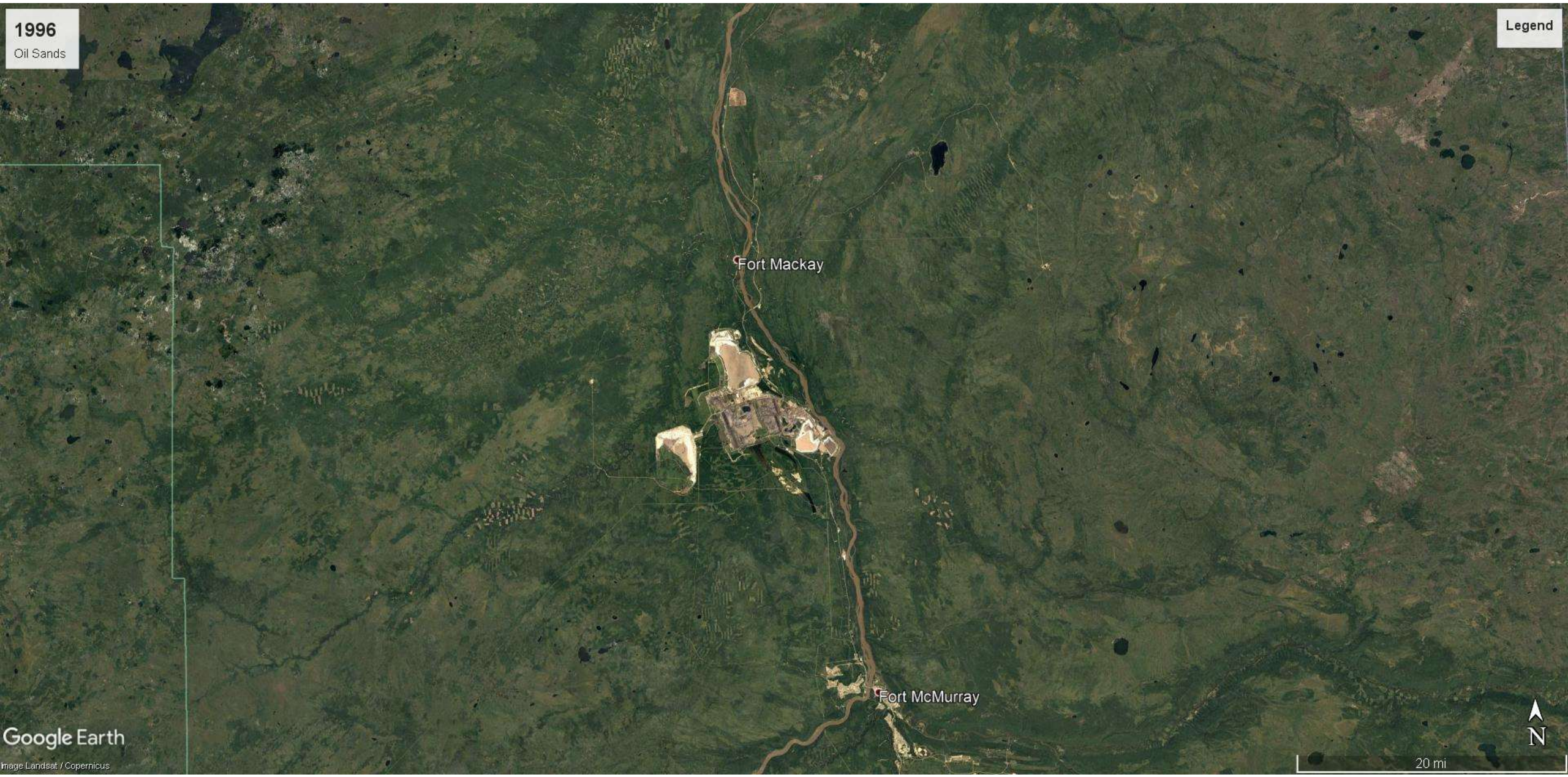
20 mi





1996  
Oil Sands

Legend



Google Earth  
Image Landsat / Copernicus

20 mi





1997  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus

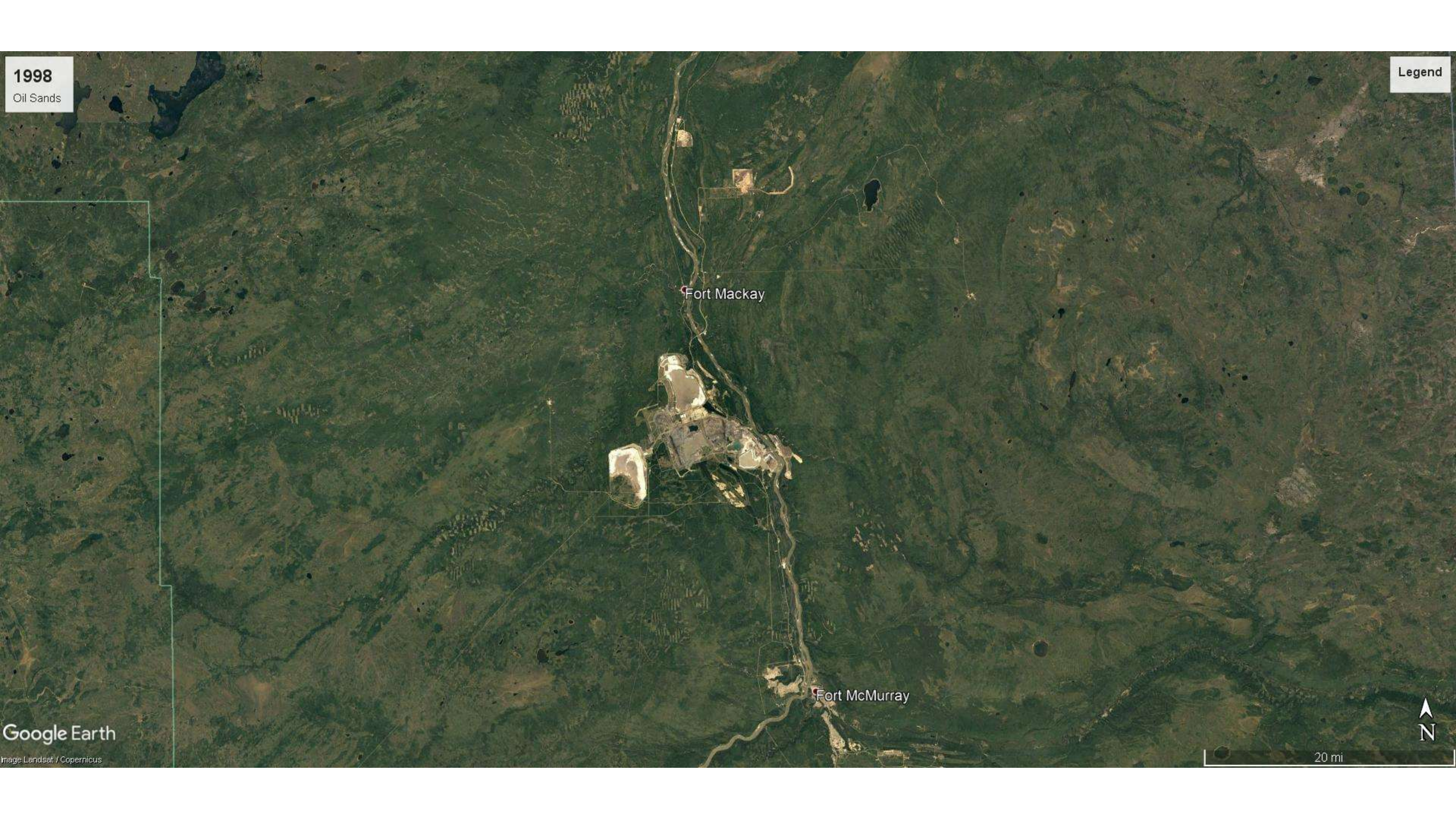
20 mi





1998  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus

20 mi





1999  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus

20 mi





2000  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
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20 mi



2001  
Oil Sands

Legend



Google Earth  
Image Landsat / Copernicus



20 mi



2002  
Oil Sands

Legend



Fort Mackay

Fort McMurray



20 mi



2003  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
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20 mi





2004  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus

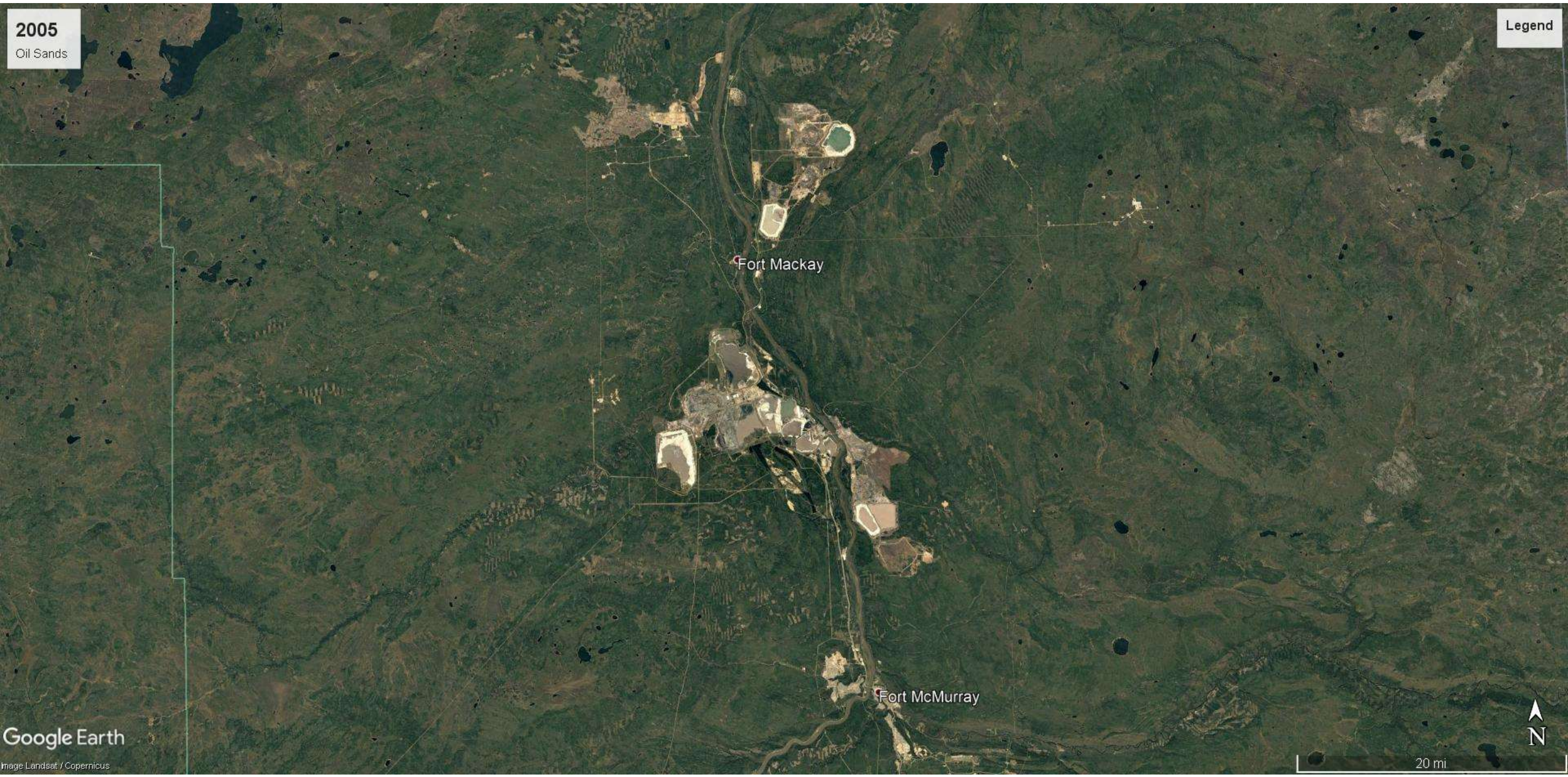


20 mi



2005  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus



20 mi



2006  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
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20 mi



2007  
Oil Sands

Legend



Google Earth  
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20 mi



2008  
Oil Sands

Legend



Google Earth  
Image Landsat / Copernicus

20 mi





2009  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus

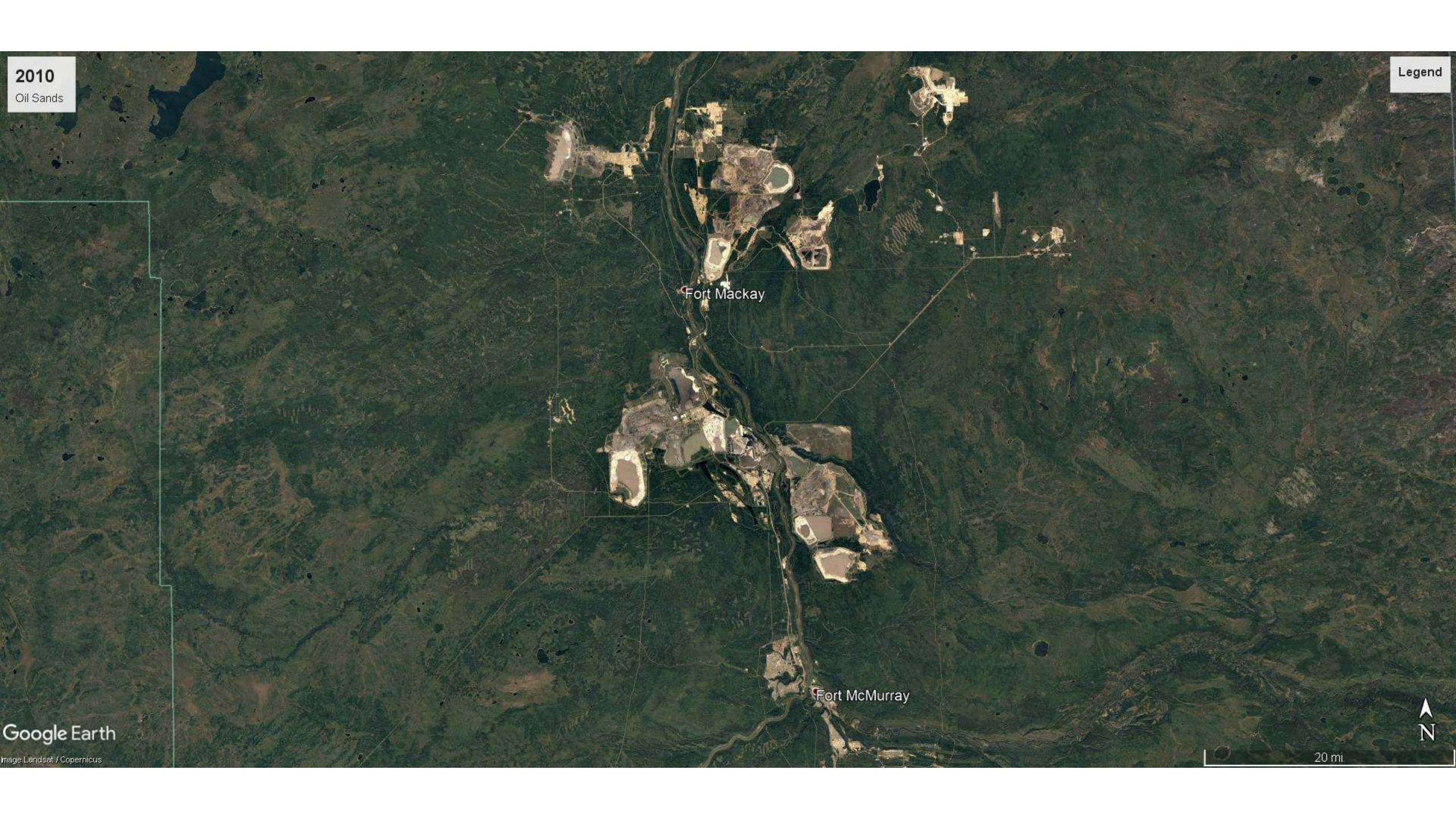
20 mi





2010  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus



20 mi



2011  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus

20 mi





2012  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus



20 mi



2013  
Oil Sands

Legend



Google Earth  
Image Landsat / Copernicus



20 mi



2014  
Oil Sands

Legend



Fort Mackay

Fort McMurray

Google Earth  
Image Landsat / Copernicus

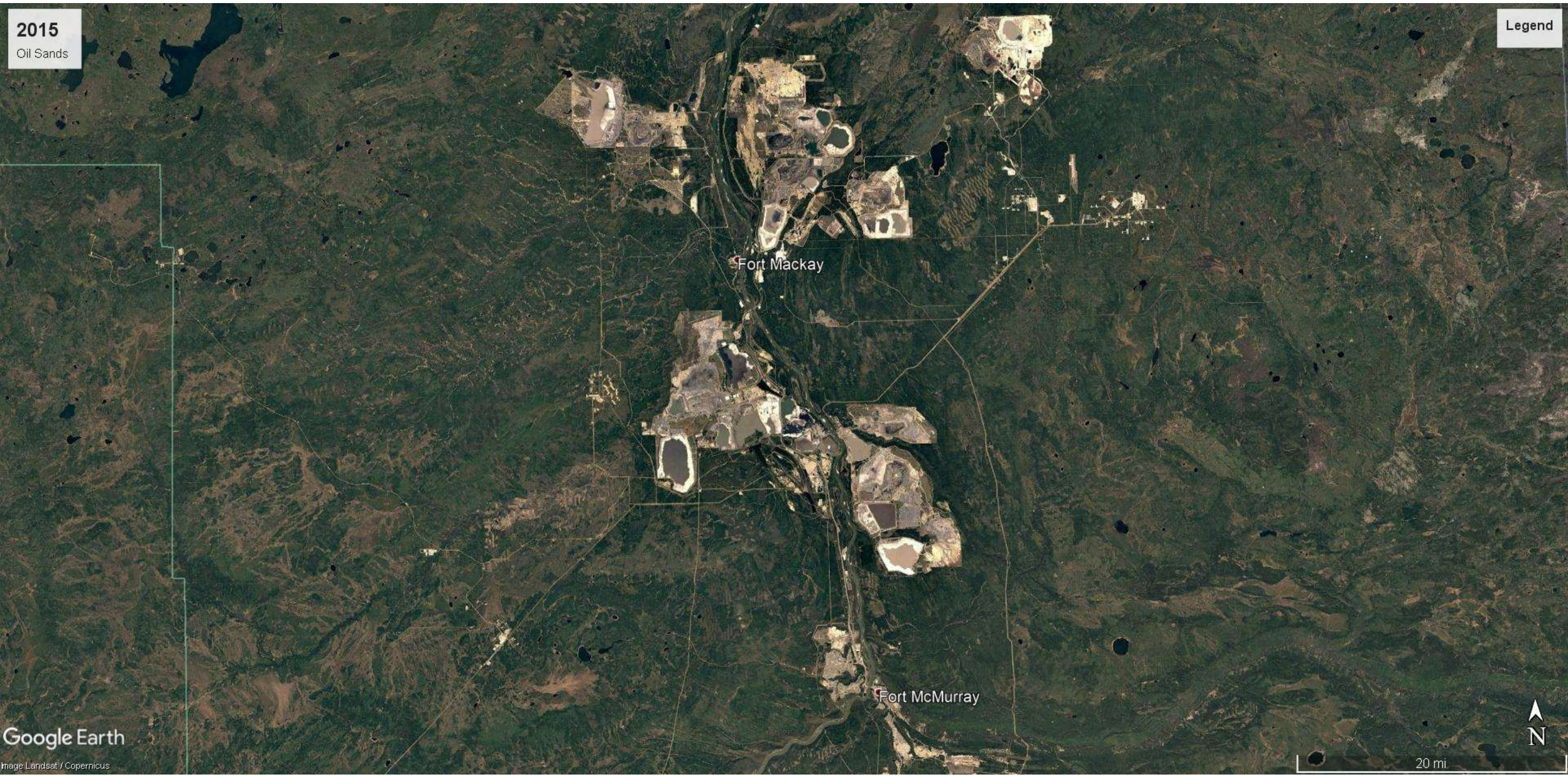


20 mi



2015  
Oil Sands

Legend



Google Earth  
Image Landsat / Copernicus

20 mi





2016  
Oil Sands

Legend



Google Earth  
Image Landsat / Copernicus

20 mi





2018  
Oil Sands

Legend

