

Received: from localhost (speclab1.cr.usgs.gov [136.177.81.5])
by speclab1.cr.usgs.gov (8.13.3/8.13.3) with ESMTTP id o5GN58vD008189
for <gswayze@speclab1.cr.usgs.gov>; Wed, 16 Jun 2010 17:10:47 -0600 (MDT)
Received: from gscodenm05.cr.usgs.gov [136.177.7.15]
by localhost with POP3 (fetchmail-6.2.5)
for gswayze@speclab1.cr.usgs.gov (single-drop); Wed Jun 16 17:10:47 2010
Subject: area calculations
X-KeepSent: 4D1286D1:10EE35C5-87257736:007AC98D;
type=4; name=\$KeepSent
To: Gregg A Swayze <gswayze@usgs.gov>, Roger N Clark <rclark@usgs.gov>,
Raymond Kokaly <raymond@usgs.gov>, Keith E Livo <elivo@usgs.gov>
X-Mailer: Lotus Notes Release 8.0.2 August 07, 2008
Message-ID: <OF4D1286D1.10EE35C5-ON87257736.007AC98D-87257736.007E90DA@usgs.gov>
From: Todd M Hoefen <thoefen@usgs.gov>
Date: Wed, 2 Jun 2010 17:02:07 -0600
X-MIMETrack: Serialize by POP3 Server on gscodenm05/SERVER/USGS/DOI(Release
8.0.2FP1HF618 | November 5, 2009) at 06/16/2010 17:21:33
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Here is what I came up with. The core area of the "thicker" oil (sometimes referred to as dull) as defined by MODIS (with some additional input from Landsat) is 3363 km². AVIRIS runs 8, 9, 10, 11 and 14 cover 966.6 km² of the 3363 km².

T

"thicker"/dull oil - 3363 km²
AVIRIS coverage - 966.6 km²

Todd M. Hoefen
Geophysicist
U.S. Geological Survey
MS 964, Box 25046
Denver Federal Center
Denver, CO 80225 USA
thoefen@usgs.gov
(303)236-2456