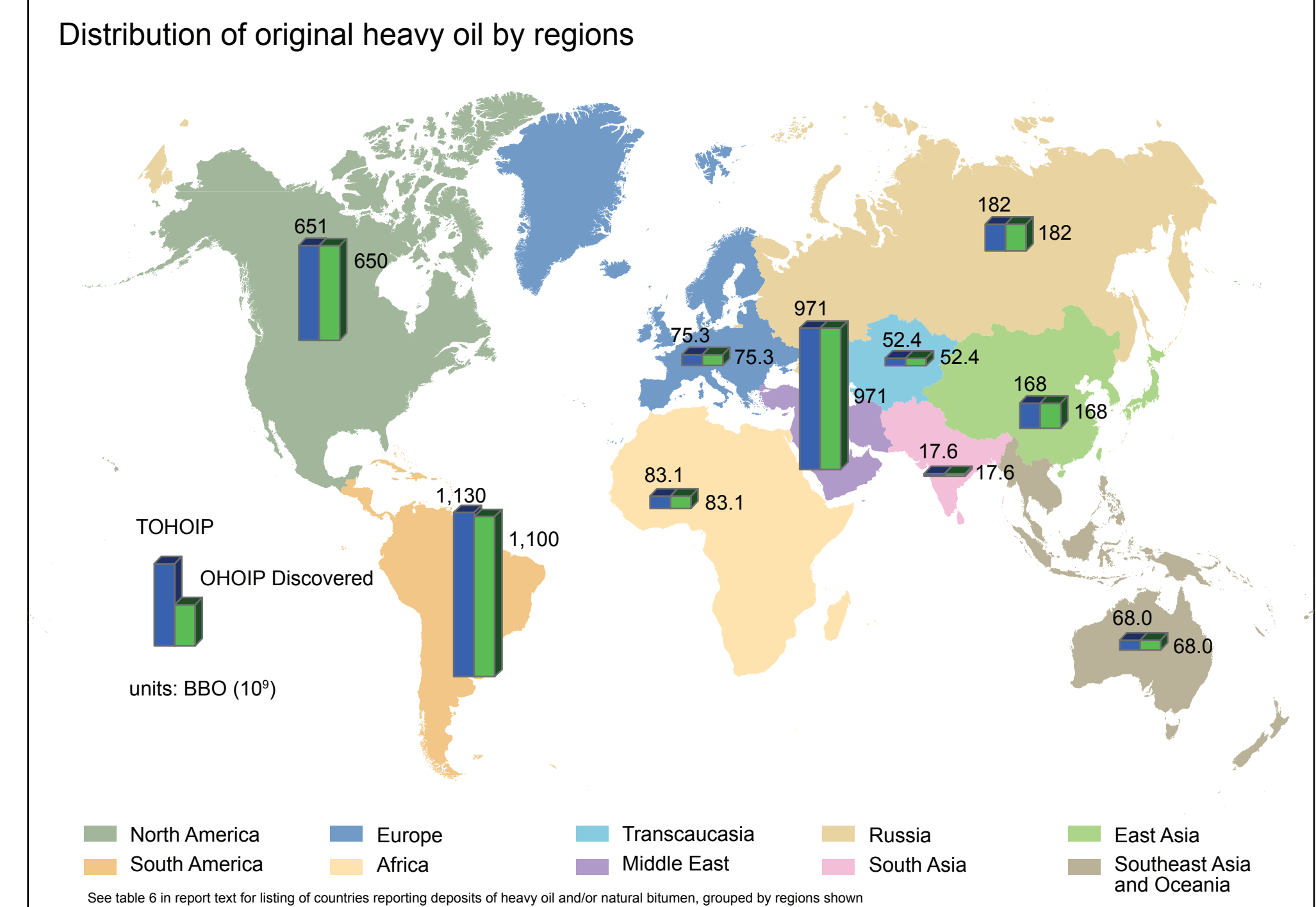


50 heavy oil basins ranked by volumes of total original heavy oil in place (TOHOIP)
showing natural bitumen volumes where reported. (billions of barrels of oil, BBO, 10⁹ barrels)

Rank	Basin	Province	Known basin type	TOHOIP	TOHOIP discovered	Provenance in place	Provenance in place	TOHOIP discovered	Provenance in place
1	Arabian	ICa	642	642					
2	Eastern Venezuela	IECa	593	566	27.7	2,090	1,900	190	
3	Manicou	IEBc	322	322		169	169		
4	Campiche	IECc	293	293		0.060	0.060		
5	Bona Gulf	IEA	141	141		7.63	7.63		
6	Zagros	IECa	115	115					
7	Campos	IEC	105	105					
8	West Siberia	IEB	88.4	88.4					
9	Permian	IEC	65.3	65.3					
10	Western Canada Sedimentary	IEA	54.9	54.9		2,330	1,630	703	
11	Timan-Pechora	IEB	54.9	54.9		22.0	22.0		
12	San Joaquin	IEBb	53.9	53.9		< 0.01	< 0.01		
13	Putumayo	IEA	42.4	42.4		0.919	0.919		
14	Central Sumatra	IEBa	40.6	40.6					
15	North Slope	IEC	37.0	37.0		19.0	19.0		
16	Niger Delta	IEV	36.1	36.1					
17	Los Angeles	IEBb	33.4	33.4		< 0.01	< 0.01	< 0.01	
18	North Caspian	IECa	31.9	31.9		421	421		
19	Volga-Ural	IEA	26.1	26.1		263	263		
20	Venezuela	IEBb	25.2	25.2		0.556	0.556		
21	Gulf of Suez	IEA	24.7	24.7		0.500	0.500		
22	Northern North Sea	IEA	22.8	22.8		10.9	10.9		
23	Gulf Coast	IEC	19.7	19.7					
24	Salinas	IEC	16.6	16.6					
25	Medio Magdalena	IEBc	16.4	16.4					
26	Pearl River	IEC	15.7	15.7					
27	North Urtat	IEB	15.0	15.0					
28	Brunei-Sabah	IEC	14.7	14.7					
29	Diyarbakir	IEA	13.5	13.5					
30	Northwest German	IEB	9.48	9.48					
31	Barinas-Apure	IEA	9.19	9.19		0.38	0.38		
32	North Caucasus-Mangyshlak	IECa	8.60	8.60		0.060	0.060		
33	Camby	IEA	8.38	8.38					
34	Santa Maria	IEBb	8.06	8.06		2.03	2.02	< 0.01	
35	Central Coastal	IEBb	8.01	8.01		0.095	0.025	0.070	
36	Big Horn	IEA	7.78	7.78					
37	Arkia	IEC	7.67	7.67					
38	Mossian	IEC	7.39	7.39					
39	Assani	IEC	6.16	6.16					
40	Orizaba	IEA	5.92	5.92		0.250	0.250		
41	Mossase	IEC	5.79	5.79		0.010	0.010		
42	Doba	IEA	5.35	5.35					
43	Mezodona	IEC	4.75	4.75		2.21	2.21		
44	Florida-Bahama	IEC	4.75	4.75		0.48	0.48		
45	Southern North Sea	IEB	4.71	4.71					
46	Dumas	IEC	4.70	4.70		0.37	0.37		
47	Calanisetta	IEC	4.65	4.65		4.03	4.03		
48	Naguan	IEB	4.56	4.56					
49	North Savannah	IEBb	4.45	4.45		< 0.01	< 0.01		
50	Cabinda	IEC	4.43	4.43		0.363	0.363		

TOHOIP - total original heavy oil in place
OHOP - original heavy oil in place
TOHOIP - total original natural bitumen in place
OHOP - original natural bitumen in place



HEAVY OIL AND NATURAL BITUMEN RESOURCES IN GEOLOGICAL BASINS OF THE WORLD: MAP OF SEDIMENTARY PROVINCES REPORTING HEAVY OIL

By Richard F. Meyer, Emil D. Attanasi, and Philip A. Freeman
2007

EXPLANATION

Heavy Oil Basins:
Total Original Heavy Oil
in Place (TOHOIP)
(BBO - 10⁹ barrels) Name and TOHOIP shown

300 - 850
100 - 300
30 - 100
10 - 30
1 - 10
< 1

Other Basins
Basin outlines from
St. John map of
Sedimentary Provinces
of the World, 1996

* Trinidad resources tabulated with
Eastern Venezuela basin
VAN DER GRINTEN PROJECTION
Mapscale 1:30 000 000 at the equator

Basin outlines from Sedimentary Provinces of the World - International Petroleum and Geographical
Meyer, R.F., Attanasi, E.D., and Freeman, P.A., 2007.
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Basins are presented without alteration to illustrate basin architecture and general position of basins.

Plates supplement text in full report
USGS claims for open file report
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