

**Product Price Assessments**

New York/Boston		Cargo	Barge
<b>9.0 RVP</b>	Unl 87	+140.63-141.63+	+137.63-138.63+
	Unl 89	+147.43-148.43+	+145.23-146.23+
	Unl 93	+157.63-158.63+	+156.63-157.63+
	CBOB	+138.63-139.63+	+137.63-138.63+
	Prem CBOB	+157.88-158.88+	+156.88-157.88+
<b>5.9 RVP</b>	Unl RBOB	+145.38-145.88+	+144.63-145.13+
	Prem RBOB	+162.13-163.13+	+161.13-162.13+
	Unl RBOB (Boston)	+145.13-145.63+	
	Ethanol NYH 5-15		+169.50-170.00+
	Jet Fuel	+133.16-133.41+	+134.16-134.41+
	LS Jet/Kero	+138.66-139.66+	+139.66-140.66+
	ULS Kero	+152.91-153.91+	+153.91-154.91+
	LS Jet/Kero(Boston)	+140.66-141.66+	
	ULS Kero (Boston)	+154.91-155.91+	
	No. 2	+130.66-130.91+	+131.66-131.91+
	LS Diesel	+131.16-131.66+	+132.41-132.91+
	LS Diesel Off-road	+131.16-131.66+	+132.41-132.91+
	ULSD	+134.91-135.16+	+136.16-136.41+
	No. 2 (Boston)	+132.66-133.41+	
	LS Diesel (Boston)	+134.16-134.66+	
	LS Diesel Off-road (Boston)	+134.16-134.66+	
	ULSD (Boston)	+137.91-138.16+	
<b>\$/Bbl</b>	No. 6 0.3%S HiPr	+47.20-47.40+	+47.20-47.40+
	No. 6 0.3%S LoPr	+49.15-49.35+	+49.15-49.35+
	No. 6 0.7%S Max	+46.00-46.20+	+46.00-46.20+
	No. 6 1%S Max	+45.55-45.75+	+45.55-45.75+
	No. 6 2.2%S Max	+43.05-43.25+	+43.05-43.25+
	No. 6 2.2%S Max (Bstn)	+43.30-43.50+	
	No. 6 3.0%S Max	+43.05-43.25+	+43.05-43.25+
	No. 6 1.0%S Pap. 1st M	+44.75-44.85+	
	No. 6 1.0%S Pap. 2nd M	+44.75-44.85+	
	No. 6 1.0%S Pap. Qtrly	+45.15-45.25+	

U.S. Buckeye Pipeline		Laurel Pipeline	
<b>9.0 RVP</b>		<b>9.0 RVP</b>	
Unl 87	+137.63-138.63+	Unl 87	+138.38-139.38+
Unl 89	+145.23-146.23+	Unl 89	+145.98-146.98+
Unl 93	+156.63-157.63+	Unl 93	+157.38-158.38+
<b>5.9 RVP</b>		<b>Laurel pipeline 7.8 RVP</b>	
Unl RBOB	+144.63-145.13+	Unl 87	+145.88-146.88+
Prem RBOB	+161.13-162.13+	Unl 89	+154.48-155.48+
CBOB	+137.63-138.63+	Unl 93	+167.38-168.38+
CBOB Prem	+156.88-157.88+		
No.2	+131.66-131.91+		
ULSD	+136.16-136.41+		
Jet fuel	+134.16-134.41+		
LS Jet/kero	+139.66-140.66+		
CBOB is 7.8 RVP			

Chicago Pipeline		
<b>9.0 RVP</b>		
<b>c/Gal</b>	Unleaded 87	+140.88-141.38+
	Unleaded 89	+149.28-149.78+
	Prem. Unl 93	+161.88-162.38+
	*PBOB	+172.38-172.88+
	*RBOB	+155.88-156.38+
	Jet Fuel	+135.50-136.00+
	LS Diesel	+128.50-129.00+
	LS Diesel Off-road	+128.00-128.50+
	ULSD	+133.50-134.00+
	Ethanol (terminal)	+159.00-160.00+
	Biodiesel (99.9%) (truck/rail)	+178.00-179.00+
	*RVP is 8.5	

Group Three		
<b>8.5 RVP</b>		
<b>c/Gal</b>	Unleaded	+137.84-138.34+
	Prem. Unleaded	+155.84-156.34+
	LS Diesel	+133.66-134.16+
	LS Diesel Off-road	+133.66-134.16+
	ULSD	+133.66-134.16+
	Jet Fuel	+136.66-137.16+

Caribbean Cargoes, FOB		
	<b>\$/MT</b>	<b>c/Gal</b>
	Naphtha	+455.35-457.12+
	Jet Kerosene	+455.30-456.97+
	Gasoil	+399.55-401.08+
<b>\$/Bbl</b>	No.6 2.0%S	+37.90-38.10+
	No.6 2.8%S	+36.20-36.40+

U.S. Gulf Coast		Waterborne	Pipeline
<b>9.0 RVP—Supplemental Summer</b>			
	Unl 87	+137.58-137.68+	+136.33-136.43+
	Unl Midgrade 89	+144.58-144.68+	+143.33-143.43+
	Prem Unl 93	+155.08-155.18+	+153.83-153.93+
<b>7.8 RVP</b>			
<b>c/Gal</b>	Unl 87	+143.63-144.13+	+142.38-142.88+
	Unl 89	+150.03-150.53+	+148.78-149.28+
	Prem Unl 93	+159.63-160.13+	+158.38-158.88+
<b>7.0 RVP</b>	RBOB 83.7		+141.63-142.13+
	RBOB 91.4		+156.63-157.13+
<b>7.8 RVP</b>	Unl 87 ULS 30 Atlanta		+142.38-142.88+
	Prem Unl 93 ULS 30 Atlanta		+158.38-158.88+
<b>7.0 RVP</b>	CBOB 87		+141.88-142.38+
	CBOB 93		+159.38-159.88+
	Ethanol***	165.00-166.00	
	MTBE	+183.00-184.00+	
	Alkylate**	+18.00-19.00+	
	Naphtha	+130.63-131.13+	
	Naphtha Barge	+131.63-132.13+	
	Hvy Naphtha	+131.63-132.13+	
	Hvy Naphtha Barge	+132.63-133.13+	
	Paraffinic Naphtha (barge)(\$/mt)	+377.42-377.79+	
	Paraffinic Naphtha diff.(a)	3.00	
	Naphtha differential**	-13.00	
	Naphtha Barge differential**	-12.00	
	Heavy Naphtha differential**	-12.00	
	Heavy Naphtha Barge diff**	-11.00	
	Jet/Kero 54	+132.41-132.91+	+131.91-132.41+
	Jet/Kero 55	+133.91-134.41+	+133.41-133.91+
	ULS Kero	+134.91-135.41+	+134.41-134.91+
	No. 2	+129.25-129.75+	+128.75-129.25+
	LS Diesel	+132.41-132.91+	+131.91-132.41+
	LS Diesel off-road	-128.41-128.91	-127.91-128.41-
	ULSD	+134.56-134.76+	+134.06-134.26+
	Biodiesel (99.9%)****	+170.00-171.00+	
<b>\$/Bbl</b>	Slurry Oil	+40.95-41.05+	
	No. 6 1.0%S 6 API	+49.00-49.10+	
	RMG 380	+45.40-45.50+	
	No. 6 3.0%S	+44.00-44.10+	
	No. 6 3.0%S Pap. 1st M	+43.65-43.75+	
	No. 6 3.0%S Pap. 2nd M	+43.00-43.10+	
	No. 6 3.0%S Pap. Qtrly	+43.05-43.15+	

\*\*=Premium to Gulf Coast waterborne Unl 87. \*\*\*=FOB Tank Houston 3-15 days. \*\*\*\*=Truck or rail delivered Houston.

U.S. Gulf Coast Pipeline Cycles				
<b>Gasoline 7.8 RVP</b>	<b>Cycle</b>			<b>Cycle</b>
Unl-87	25	+142.38-142.88+	28	+140.88-141.38+
Unl-87	26	+141.88-142.38+	29	+140.63-141.13+
Unl-87	27	+141.38-141.88+	30	+140.38-140.88+
Prem 93	25	+158.38-158.88+	28	+156.88-157.38+
Prem 93	26	+157.88-158.38+	29	+156.63-157.13+
Prem 93	27	+157.38-157.88+	30	+156.38-156.88+
<b>Supplemental 9.0 RVP</b>	<b>Cycle</b>			<b>Cycle</b>
Unl-87	25	+136.33-136.43+	28	+134.73-135.23+
Unl-87	26	+135.63-136.13+	29	+134.38-134.88+
Unl-87	27	+135.23-136.03+	30	+134.28-134.78+
Prem 93	25	+153.83-153.93+	28	+152.23-152.73+
Prem 93	26	+153.13-153.63+	29	+151.88-152.38+
Prem 93	27	+152.73-153.53+	30	+151.78-152.28+
<b>Distillates</b>				
No. 2	25	+128.75-129.25+	28	+129.50-130.00+
No. 2	26	+129.00-129.50+	29	+129.75-130.25+
No. 2	27	+129.25-129.75+	30	+130.00-130.50+
Jet Kero	24	+131.91-132.41+	27	+132.50-133.00+
Jet Kero	25	+132.00-132.50+	28	+132.75-133.25+
Jet Kero	26	+132.25-132.75+	29	+133.00-133.50+
LS Diesel	24	+131.91-132.41+	27	+132.75-133.00+
LS Diesel	25	+132.25-132.50+	28	+133.00-133.25+
LS Diesel	26	+132.50-132.75+	29	+133.25-133.50+
ULSD	24	+134.06-134.26+	27	+134.75-135.00+
ULSD	25	+134.25-134.50+	28	+135.00-135.25+
ULSD	26	+134.50-134.75+	29	+135.25-135.50+

Latin America, FOB			
<b>\$/Bbl</b>			
<b>Argentina</b>		<b>Ecuador</b>	
Gasoline84	+59.06-59.27+	Naphtha	+39.46-39.67+
Gasoil	+56.91-57.08+	F02.2%S	+44.80-45.00+
F00.7%S	+42.80-43.00+		
<b>Brazil</b>		<b>Peru</b>	
F00.5-0.6%S	+44.55-45.45+	Naphtha	+38.93-39.43+
Ethanol (cts/gal)	+138.00-139.00+	F02.0%S	+39.40-39.65+
		F01.6%S	+41.40-41.65+
<b>Colombia</b>			
F01.6%S	+41.10-41.20+		

**Product Price Assessments**

**West Coast Pipeline**

California		Los Angeles(a)	San Francisco(b)
c/Gal	Unl 87	+150.13-150.63+	+152.63-153.13+
	Prem Unl 91	+161.13-161.63+	+163.63-164.13+
	CARBOB Unl	+159.63-160.13+	+162.13-162.63+
	CARBOB Prem	+170.63-171.13+	+173.13-173.63+
	Jet Fuel	+136.50-137.00+	+136.50-137.00+
	ULS (EPA) Diesel	+136.00-136.50+	+136.00-136.50+
	CARB Diesel	+137.50-138.00+	+138.50-139.00+
\$/MT	180 cst	320.00-325.00	+325.00-330.00+
	380 cst	+304.00-305.00	+315.00-320.00+
<b>Differential to NYMEX</b>			
	CARBOB	15.00-15.50	
	CARBOB Paper 1-mo	12.75-13.75	
	CARBOB Paper 2-mo	10.25-11.25	
	Jet Fuel	1.75-2.25	
	ULS (EPA) Diesel	1.25-1.75	
	CARB Diesel	2.75-3.25	

**Other West**

		Phoenix(k)
	CBG/RBOB Unl	+156.13-156.63+(e)
	CBG/RBOB Prem	+167.13-167.63+(g)

**Southern California Rail Car Assessments**

	Ethanol Prompt 7-14 days	+167.00-168.00+
	Ethanol Forward 15-30 days	+168.00-169.00+

**North California Rail Car Assessments**

	Ethanol Prompt 7-14 days	+167.00-168.00+
	Ethanol Forward 15-30 days	+168.00-169.00+

**Northwest**

		Portland(c)	Seattle(d)
c/Gal	Unl 87	+161.13-161.63+	+159.98-160.48+
	Prem Unl 92	+171.13-171.63+	+169.98-170.48+
	Jet Fuel	+136.50-137.00+	+136.50-137.00+
	HS (EPA) Diesel	143.00-143.50	141.85-142.35
	LS (EPA) Diesel	+149.00-149.50+	+147.85-148.35+
	ULS (EPA) Diesel	149.00-149.50	147.85-148.35
\$/MT	180 cst	330.00-335.00	324.00-325.00
	380 cst	+321.00-323.00	+288.00-291.00

WEST COAST PIPELINE NOTES:(a)=RVP is 11.5; CARBOB RVP is 5.99; Clear reflects Arizona/Las Vegas specs. (b)=RVP is 7.8; CARBOB RVP is 12.5; Clear reflects Nevada specs.(c)=RVP is 7.8; (d)=RVP is 9.0; (e)=87 octane; (f)=84 octane.(g)=91 octane; (h)=92 octane; (i)=RVP is 7.00; (k)=RVP 7.8.

**West Coast Waterborne**

		Unl 87
c/Gal	Unl 87	+149.13-149.63+
	Jet Fuel	+135.50-136.00+
\$/Bbl	Gasoil 0.05%S	+56.75-56.85+
	No. 6 0.5%S	+50.90-51.00+
	No. 6 1.0%S	+50.40-50.50+
	No. 6 2.0%S	+47.90-48.00+

**Gas Liquids (c/Gal) (x)=see correction on page 5**

	Mont Belvieu	Conway	Other Hubs
Ethane/Propane	+37.250-37.750+	+25.250-25.750+	
Ethane Purity	+38.000-38.500+		
Propane	+64.000-64.500+	+64.000-64.600+	
Propane LDH	+63.750-64.250+		
Normal Butane	+81.250-81.750+	+61.000-61.500+	
Butane LDH	+78.750-79.250+		
Isobutane	+98.250-98.750+	+89.750-90.250+	
Isobutane LDH	+98.250-98.750+		
Natural Gasoline		+102.000-102.500+	
Natural Gasoline LDH	(x)+101.800-101.900+		
Natural Non-Targa	(x)+101.800-101.900+		
Natural Targa	(x)+101.800-101.900+		
Bushton Propane			+64.000-64.500+
Hattiesburg Propane			+63.750-64.250+
River Natural Gasoline			+103.000-103.600+

**US Renewable Identification Number**

Calendar-Year 2008	3.50-4.00-
RIN Calendar-Year 2009	12.00-12.50

**Platts Euro denominated product assessments**

Cargoes CIF NWE/Basis ARA (Euro/mt)		Barges FOB Rotterdam (Euro/mt)	
Nap Phy	308.48 - 308.86	Prem Unl	360.34 - 360.71
Jet	351.13 - 351.51	10 PPM	328.77 - 329.15
		Gasoil 0.1%	316.75 - 317.13
		3.5%	204.40 - 204.78

**Cargoes FOB NWE(Euro/mt)**

1%	211.54 - 211.92
<b>Conventional cargoes NY harbor (Euro/gallon)</b>	
Unleaded 87	105.43 - 106.18
Unleaded 89	109.49 - 110.24
Unleaded 93	115.58 - 116.33
No. 2	101.23 - 101.98

Euro/US\$ forex rate: 1.3307 Platts Euro denominated European & US product assessments are based on market values and a Euro/US\$ forex rate at 4:30 PM local London time.

**Arab Gulf, FOB**

\$/M T		\$/Bbl
Naphtha	+405.34-406.09+	Kerosene +56.00-56.04+
Naphtha LR2	+407.20-407.95+	Kerosene LR2 +56.07-56.11+
HSFO 180 cst	+281.13-281.17+	Gasoil 0.05%S +57.27-57.31+
HSFO 380 cst	+278.37-278.41+	Gasoil 0.25%S +55.92-55.96+
95 RON Unleaded	+54.34-54.38+	Gasoil +55.17-55.21+
		Gasoil LR2 +55.24-55.28+

**Asia**

\$/Bbl	C&F Japan	Singapore*	C+F Australia
Mogas Unl	+54.71-54.75+		
Mogas 92 Unl		+53.70-53.74+	+55.92-55.96+
Mogas 95 Unl		+55.95-55.99+	+58.17-58.21+
Mogas 97 Unl		+59.85-59.89+	
\$/MT	MTBE	+594.00-596.00+	
	Naphtha	+422.25-423.00+	45.97-46.01-
	Naphtha 30-45	-422.75-423.25-	
	Naphtha 45-60	422.25-422.75	
	Naphtha 60-75	+422.50-423.00+	
\$/Bbl	Jet Kerosene	+58.31-58.35+	+57.41-57.45+
	Gasoil	+59.31-59.35+	+59.80-59.84+
	Gasoil 0.05%S		+58.46-58.50+
	Gasoil 0.25%S		+57.56-57.60+
	Gasoil 0.5%S		+56.66-56.70+
	Gasoil 10ppm		+59.71-59.75+
	Gasoil 50ppm		+59.41-59.45+
	Gasoil 50ppm 0.5%		+2.78-2.82+
	LSWR Mixed/Cracked		+38.38-38.42+**
	Naphtha Pap. (Bal Month)		NA-NA
	Naphtha Pap.(MAY )		45.58-45.62-
	Naphtha Pap.(JUN )		+45.63-45.67+
	Kerosene Pap.(Bal Month)		NA-NA
	Kerosene Pap.(MAY )		+57.44-57.48+
	Kerosene Pap.(JUN )		+57.95-57.99+
	Gasoil 0.5% Pap.(Bal Month)		NA-NA
	Gasoil Pap.(MAY )		+56.59-56.63+
	Gasoil Pap.(JUN )		+56.70-56.74+
\$/MT	FO 180 cst 2%	+299.58-299.62+	
	HSFO 180cst	+300.08-300.12+	+291.58-291.62+
	180cst Disc/Premium		+0.32 - 0.28+
	HSFO 380cst		+288.82-288.86+
	HSFO 180cst Pap (Bal Month)		NA-NA
	HSFO 180cst Pap.(MAY )		+292.08-292.12+
	HSFO 180cst Pap.(JUN )		+291.08-291.12+
	Biodiesel FOB Southeast Asia****	+702.75-703.25+	

\*Singapore Naphtha priced in \$/Bbl;\*\*Assessment is FOB Indonesia; \*\*\*Loadings in Southeast Asia normalized to Singapore, Pasir Gudang and Dumai

**Asia Product Premium/Discount Assessments**

	MOP* Singapore	MOP* Arab Gulf	MOP* Japan
Jet	-0.15 - 0.11-	-1.68-1.72-	
Gasoil 0.25%S	+0.93 - 0.97+	2.63- 2.67	
Gasoil Reg 0.5%	+0.03-0.07+	+1.88-1.92+	
380 CST	-0.14 - 0.10-	-2.78 - 2.74**	
Naphtha	-0.00-0.10-		-1.00-0.00-
LSWR	-2.02 - 1.98		
HSFO 180 CST		3.75- 4.25	
HSFO 380 CST		3.75- 4.25	

\*Mean of Platts. \*\*=Differential to FOB Arab Gulf HSFO 180 CST.

**China**

\$/MT	South China FOB	South China, C&F	Hong Kong
Unl 90 RON	+453.75-457.75+		
Unl 93 RON	+460.50-464.50+		
Jet Kerosene		+458.50-460.50+	
Gasoil 0.2%		+426.75-428.75+	
Gasoil L/P 0.5%S		+419.75-421.75+	
Fuel Oil 180 cst			+306.00-307.00+
Fuel Oil 380 cst		+298.21-298.41+	+302.00-303.00+
Marine Diesel			+468.00-469.00+

**Atlantic Resid/Contract Cargoes**

	No. 2 Barge	No. 4 Fuel	No. 6 Fuel
New York 0.2%S	156.85-156.85-		
New York 0.3%		-64.10-64.10-	-60.65-60.65-
Albany 1.5%		70.20-70.20	65.05-65.05
Boston 0.5%		74.05-74.30-	-70.10-70.55
Boston 1.0%		70.50-71.50-	66.05-66.60-
Boston 2.2%			-54.85-54.85-
Portland 1.5%		-71.50-71.50-	-58.60-58.60-
Providence 1.0%		70.50-71.50-	66.05-66.60-

**Crude price assessments (\$/bbl)**

**International**

Brent (MAY)	+50.35-50.39+	Dubai (JUN)	+49.24-49.26+	Brent EFP (MAY)	NA-NA	BRENT/WTI 1st	NA-NA	Oman (JUN)	+49.29-49.31+
Brent (JUN)	+50.91-50.93+	Dubai (JUL)	+49.38-49.40+	Brent EFP (JUN)	0.09-0.11-	BRENT/WTI 2nd	-0.03-0.05-	Oman (JUL)	+49.70-49.72+
Brent (JUL)	+51.91-51.95+	Dubai (AUG)	+49.52-49.54+	Brent EFP (JUL)	0.11-0.13-	BRENT/WTI 3rd	-0.13-0.11-	Oman (AUG)	+49.93-49.95+
Brent (DTD)	+50.53-50.55+	MEC (JUN)	+49.24-49.26+	Dubai (MAY)*	+49.37-49.41+	MOG Diff (APR)*	0.03-0.07	MOG (MAY)*	+49.69-49.73+
NS Basket	+50.71-50.74+	MEC (JUL)	+49.38-49.40+	Dubai (JUN)*	+49.51-49.55+	MOG Diff (MAY)*	+0.30-0.34+	MOG (JUN)*	+49.92-49.96+
DTD NSL	+50.53-50.55+	MEC (AUG)	+49.52-49.54+	Dubai (JUL)*	+49.95-49.99+	MOG Diff (JUN)*	-0.39-0.43-	MOG (JUL)*	+50.41-50.45+
						MOG Diff (JUL)*	0.44-0.48		

Oman MOG (JUN)+	0.79-0.75+
Oman MOG (JUL)	0.08-0.12
Oman MOG (AUG)	0.13-0.17

North Sea	Spread vs fwd DTD Brent	
NS DTD Strip	+50.45-50.46+	
BNB	+50.69-50.72+	0.24-0.26
Forties	+50.53-50.55+	0.08-0.09
Ekofisk	+50.74-50.77+	0.29-0.31
Statfjord	+50.69-50.72+	0.24-0.26
Oseberg	+50.89-50.92+	0.44-0.46
Flotta	+48.69-48.72+	-1.76-1.74

London	Brent CFD	Dated Swap
1wk (JUN)	-0.41-0.39+	50.50-50.54
2wk (JUN)	-0.56-0.54+	50.35-50.39
3wk (JUN)	-0.50-0.48-	50.41-50.45
4wk (JUN)	-0.40-0.38-	50.51-50.55
5wk (JUN)	-0.21-0.19-	50.70-50.74
6wk (JUN)	-0.01-0.01	50.90-50.94
7wk (JUN)	0.19-0.21	51.10-51.14
8wk (JUN)	0.39-0.41	51.30-51.34

**Asia \$/Bbl**

Brent (MAY)	+49.82-49.86+
Brent (JUN)	+50.42-50.46+
Brent (JUL)	+51.47-51.51+
Brent (DTD)	+49.99

**West Africa**

West Africa	Spread vs fwd DTD Brent	
WAF DTD Strip	+50.86-50.88+	
Brass River	+51.31-51.38+	0.45-0.50
Forcados	+51.46-51.53+	0.60-0.65
Escravos	+51.31-51.38+	0.45-0.50
Qua Ibo	+51.71-51.78+	0.85-0.90
Bonny Light	+51.71-51.78+	0.85-0.90
Girassol	+49.98-50.05+	+0.80-0.75+
Hungo	+48.73-48.80+	+2.05-2.00+
Kissanje	+49.38-49.45+	+1.40-1.35+
Angola DTD Strip	+50.78-50.80+	
Cabinda	+49.58-49.65+	-1.20-1.15

**Canada**

Canada	Spread vs fwd DTD Brent	
Can DTD Strip	+51.00-51.01+	
Terra Nova	+50.35-50.46+	0.65-0.55
Hibernia	+51.20-51.31+	0.20-0.30
White Rose	+50.35-50.46+	0.65-0.55

**Mediterranean**

Mediterranean	Urals CFD	Dtd Brent Swap
1mo(May)	+48.93/49.00+	-1.60/-1.55-
2mo(Jun)	+48.91/48.97+	-1.62/-1.58-

**Brent/Dubai**

Brent/Dubai	+1.18-1.20+
WTI(JUN)	+50.24-50.28+
WTI(JUL)	+51.38-51.42+
WTI(AUG)	+52.49-52.53+

**Mediterranean**

Mediterranean	Spread vs fwd DTD Brent	
MED DTD Strip	+50.54-50.55+	
BTC DTD Strip	+50.60-50.62+	
Urals (Rdam)	+49.44-49.50+	-1.10-1.05
Urals (Med)	+49.09-49.15+	-1.45-1.40
Urals FOB Ven	+48.73-48.79+	-1.81-1.76+
Urals FOB Novo	+48.21-48.27+	-2.33-2.28-
UralsFOBNovo80kt	+48.21-48.27+	-2.33-2.28-
Urals (Primorsk)	+48.68-48.74+	-1.86-1.81+
Urals (RCMB)	+49.08-49.15+	
Iran Lt (Sidi)	+49.13-49.20+	-1.41-1.35
Iran Hvy(Sidi)	+48.33-48.40+	-2.21-2.15
Es Sider	+49.84-49.90+	-0.70-0.65
Siberian Lt	+49.99-50.05+	+0.55-0.50+
Saharan Bld	+50.44-50.50+	+0.10-0.05+
Azeri Lt	+50.75-50.82+	+0.15-0.20+
Azeri Lt FOB	+50.09-50.16+	+0.51-0.46+
BTC FOB Ceyhan	+50.03-50.10+	+0.57-0.52+
Suez Blend	+46.37-46.43+	-4.17-4.12
Kirkuk	+49.33-49.39+	-1.21-1.16
Kumkol	+50.54-50.60+	+0.00-0.05+
Zarzahtaine	+50.59-50.65+	+0.05-0.10+
Syrian Hvy	+40.79-40.85+	+9.75-9.70+
Syrian Lt	+50.29-50.35+	+0.25-0.20+
CPC Blend CIF	+50.39-50.45+	+0.15-0.10+
CPC Blend FOB	+49.68-49.74+	-0.86-0.81-
CPC FOB 80KT	+49.73-49.79+	-0.81-0.76-

**Asia-Pacific / Middle East spot crude assessments (\$/barrel)**

	Assessment (Asian MOC)	Diff to APPI Tapis (Asian MOC)	Diff to Dated Brent (Asian MOC)	Assessment (London MOC)		Assessment (Asian MOC)	Diff to ICP (Asian MOC)	Diff to Dated Brent (Asian MOC)	Assessment (London MOC)
<b>Condensate</b>					<b>Medium (cont.)</b>				
NW Shelf	45.78-45.82	-1.75/-1.65*	-4.20	46.34	Nile Blend	48.11-48.15	-4.75/-4.65	-1.86	48.68
Ras Gas	48.21-48.25	-1.35/-1.25***	-1.76	48.78	Bach Ho	51.58-51.62	0.15/0.25**	1.61	52.15
Qatar LSC	46.21-46.25	-3.35/-3.25***	-3.76	46.78	Widuri	49.65-49.69	-0.45/-0.35	-0.32	50.22
South Pars	+45.51-45.55+	4.05/3.95***	4.46	46.08	Daqing	47.74-47.78		-2.23	48.31
Senipah	46.73-46.77	0.05/0.15**	-3.24	47.30	Cinta	51.40-51.42	-1.05/-0.95	1.42	51.96
<b>Light</b>					<b>Heavy</b>				
Griffin	52.71-52.75	0.35/0.45	2.74	53.28	Tapis Paper swaps (MAY)	49.31-49.35			
Cossack	51.21-51.25	-1.15/-1.05	1.24	51.78	Tapis Paper swaps (JUN)	52.31-52.35			
Gippisland	51.31-51.35		1.34	51.88	<b>Dar Blend</b>				
Tapis	52.81-52.85	0.45/0.55	2.84	53.38	Dar Blend	+40.07-40.11+		-9.90	40.64
Belida	50.62-50.66	-0.05/0.05**	0.65	51.19	Shengji	39.91-39.95		-10.06	40.48
Kutubu	52.11-52.15	-0.25/-0.15	2.14	52.68	Stybarrow	+50.99		1.00	51.54
Handil Mix	50.49-50.53	0.05/0.15**	0.52	51.06	Enfield	+51.99		2.00	52.54
Attaka	51.45-51.49	-0.05/0.05**	1.48	52.02	Duri	40.21-40.25	2.85/2.95	-9.76	40.78
Vityaz Blend	39.38-39.42	1.80/1.90	1.11	51.65	Vincent	+47.99		-2.00	48.54
Ardjuna	49.72-49.76	0.35/0.45**	-0.25	50.29	<b>* Differential to APPI Tapis, ** Differential to Bach Ho OSP</b>				
Sokof	53.52-53.56	3.75/3.85^	3.54	54.08	<b>Spread vs OSP</b>				
Kikeh	52.71-52.75	0.35/0.45	2.74	53.28	Murban	51.32-51.36	0.10/0.20		
Miri Light	53.31-53.35		3.34	53.88	Lower Zakum	50.97-51.01	0.05/0.15		
Labuan	53.36-53.40		3.39	53.93	Upper Zakum	49.25-49.29	0.10/0.20		
<b>Medium</b>					Umm Shaif	50.92-50.96	0.05/0.15		
Nanhai	50.11-50.15	-2.25/-2.15*	0.14	50.68	Qatar Land	50.29-50.33	0.05/0.15		
Su Yu Den	+51.22-51.26+	3.65/3.75 **	1.25	51.79	Qatar Marine	49.82-49.86	0.10/0.20		
Minas	53.20-53.22	0.35/0.45	3.22	53.76	Banoco Arab Medium	49.47-49.51	0.10/0.20		
					Al Shaheen	49.06-49.10	-0.50/-0.40*		
					<b>* Differential to Dubai</b>				

**United States \$/Bbl**

WTI (JUN)	+50.97-50.99+	WTI EFP (JUN)	-0.01/0.01	Mars (JUN)	+48.54-48.62+	Mars/WTI (JUN)	2.41-2.39	P-Plus WTI	-1.82-1.86-	Kern River	-41.45-41.47-
WTI (JUL)	+52.20-52.24+	WTI EFP (JUL)	-0.01/0.01	Mars (JUL)	+49.94-50.00+	Mars/WTI (JUL)	2.26-2.24	P-5 WTI	47.56	Thurs	-41.70-41.72-
WTI (AUG)	+53.31-53.33+	WTI EFP (AUG)	-0.01/0.01	Mars (AUG)	+50.95-50.99+	Mars/WTI (AUG)	2.36-2.34	WTI-Delta	-1.56-1.52-	Line 63	+52.38-52.42+
Dated Brent	50.53/50.55									P-Plus Line 63	1.85-1.90

	Spread vs WTI	
WTI Midland	+50.88-50.94+	-0.09-0.05
LLS (1st month)	+52.41-52.45+	1.44-1.46
LLS (2nd month)	+53.19-53.25+	0.99-1.01
HLS(1st month)	+51.38-51.44+	0.41-0.45
HLS(2nd month)	+52.16-52.24+	-0.04-0.00

	Spread vs WTI	
WTS(1st month)	+50.02-50.09+	-0.95-0.90
WTS(2nd month)	+51.15-51.24+	-1.05-1.00
Poseidon	+48.41-48.45+	-2.56-2.54
Eugene Island	+50.11-50.15+	-0.86-0.84
Thunder Horse Bld	+50.21-50.25+	-0.76-0.74

	Spread vs WTI	
Wyo.Sweet	+46.71-46.75+	-4.26-4.24
ANS (Cal)	+48.63-48.67+	-2.58-2.56
Basrah Lt	+49.99-50.05+	-2.21-2.19
Bonito	+50.11-50.15+	-0.86-0.84
SGC	+48.11-48.15+	-2.86-2.84

**Crude price assessments cont. (\$/bbl)**

Americas Crude Marker (JUN)	48.12-48.14
ACM (JUL)	49.51-49.53
ACM (AUG)	50.51-50.53

Americas Crude Marker assessed at the Americas market close at 3:15pm Eastern Time.

**US domestic crude assessments London close (\$/bbl)**

		spread
WTI (JUN)	50.87-50.89	-0.01/0.01*
WTI (JUL)	52.04-52.06	-0.01/0.01*
WTI (AUG)	53.23-53.25	-0.01/0.01*
LLS (JUN)	52.66-52.70	1.79/1.81**
LLS (JUL)	53.38-53.42	1.34/1.36**
MARS (JUN)	48.51-48.55	-2.36/-2.34**
MARS (JUL)	49.78-49.82	-2.26/-2.24**

WTI, LLS, and Mars assessments reflect value at 16:30 London Close.  
 \* = Differential value at 16:30 London close. WTI EFP versus NYMEX light sweet crude futures.  
 \*\* = LLS and Mars differentials versus same-month cash WTI.

**Latin America Crude (\$/bbl)**

		Spread vs WTI
Oriente	+43.10-43.24+	+9.10/-9.00+
Vasconia	+47.00-47.09+	+6.20/-6.15+
Escalante	+48.70-48.84+	+3.50/-3.40+
Loreto	+42.10-42.24+	+10.10/-10.00+
CanoLimon	+52.60-52.74+	+0.40/0.50+
Mesa30	+52.35-52.49+	-0.15/0.25+
SantaBarbara	+53.65-53.79+	+1.45/1.55+
Merlim	+43.95-44.09+	+8.25/-8.15+
Nappo	+41.10-41.24+	+11.10/-11.00+
Castilla Blend	+45.60-45.69+	+6.60/-6.55+

**Canadian Spot Crude Assessments**

	CDS/CM	US\$/bbl	Spread vs Canada Basis
Lloyd Blend	-327.86-328.61	+43.41-43.51+	-9.10-9.00-
Mixed Sweet	-365.24-366.00	+48.36-48.46+	-4.15-4.05-
Light Sour Blend	-361.46-362.22	+47.86-47.96+	-4.65-4.55-
Condensates	-369.77-370.53	+48.96-49.06+	-3.55-3.45-
Syncrude Sweet Blend	-373.55-374.30	+49.46-49.56+	-3.05-2.95-
WCS	-330.12-330.88	+43.71-43.81+	-8.80/-8.70-
Cold Lake	-322.95-323.70	+42.76-42.86+	-9.75/-9.65-

\*Canada Basis: See explanation at <http://www.platts.com/>

**Canadian Postings Derived Crude Assessments**

	CDS/CM	US\$/bbl
Par Crude	-375.60-377.60	+49.73-50.00+
Mixed Lt. Sr	-299.50-301.50	-39.66-39.92-
Bow River/Hardisty	+342.00-344.00+	+45.28-45.55+
Lt/Sr Cromer	-344.60-346.60	+45.63-45.89+
Sr. Edmonton	-328.33-330.33	-43.47-43.74-
Middle Cromer	343.33-345.33	+45.46-45.72+

**Daily OPEC basket price (\$/Bbl)**

28Apr	48.70	-0.51
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Effective June 16, 2005, the daily OPEC basket price represents an index of the following 11 grades: Algeria's Saharan Blend, Indonesia's Minas, Iranian Heavy, Iraq's Basra Light, Kuwait's Export, Libya's Es Sider, Nigeria's Bonny Light, Qatar's Marine, Saudi Arabia's Arab Light, Murban of the UAE and Venezuela's BCF 17.

**Platts Euro denominated crude oil assessments (Euro/bbl)**

Dated Brent	37.97-37.99	WTI (JUN)	38.23-38.24
Urals (Mediterranean)	36.89-36.94	Mars (JUN)	36.45-36.48

Euro/US\$ forex rate: 1.3307. Platts Euro denominated crude oil assessments are based on

**Caribbean Product Postings (cts/Gal)**

Effective Date	Exxon		Shell		Petrotrin	Chevron
	Curacao	Bahamas*	West	04/24		
Avgas 100/130	255.00	W	253.00	265.00	262.50	
99 Oct. Unl					166.50	
98 Oct. Unl	-155.00	W	169.00			
95 Oct.						
95 Oct. Unl	-149.00	W	158.00	152.00	159.00	
92 Oct Unl				150.50		
87 Oct. Unl	-138.00	W	147.00		149.00	
83 Oct Unl				146.50		
Dpk/Jet	-138.00	W	146.00	145.00	142.00	
45 Cet 0.5%S Gasoil	-136.00	W	145.00	142.00	144.00	
LS Gasoil			154.00			
ULS Gasoil			155.00			
Heavy Fuel Oil (\$/BBL)	49.00	W	50.00	48.00	47.00	

\*Exxon Bahamas is ex-ship. W=withdrawn effective May 1, 2007

**Futures Settlements**

	Settlement	Low	High	Change	Volume*	Open Interest
<b>NYMEX Light Sweet Crude (\$/Bbl)</b>						
JUN	50.97	49.12	51.42	1.05	215084	313282
JUL	52.21	50.37	52.80	1.12	91878	189089
AUG	53.31	51.51	53.68	1.13	27898	58162
SEP	54.32	53.56	54.74	1.13	13751	41789

	Settlement	Low	High	Change	Volume*	Open Interest
<b>NYMEX No.2 Oil (cts/gal)</b>						
MAY	132.91	131.00	136.14	1.24	11005	10900
JUN	134.75	132.46	137.80	1.45	36264	67447
JUL	137.88	135.35	140.66	1.76	10346	34591
AUG	141.18	139.44	142.63	1.98	5456	19830

	Settlement	Low	High	Change	Volume*	Open Interest
<b>NYMEX RBOB unleaded gasoline (cts/gal)</b>						
MAY	144.84	140.24	145.28	5.07	19599	10027
JUN	144.63	139.05	145.90	4.68	30915	79761
JUL	145.30	140.40	146.46	4.42	11212	34251
AUG	145.87	140.96	147.00	4.08	3663	22580

	Settlement	Low	High	Change	Volume*	Open Interest
<b>NYMEX Natural Gas (\$/MMBtu)</b>						
JUN	3.403	3.339	3.525	-0.04	52990	111382
JUL	3.542	3.479	3.661	-0.04	14012	77371
AUG	3.666	3.603	3.775	-0.05	7100	44779
SEP	3.744	3.684	3.852	-0.05	1764	30628

	Settlement	Low	High	Change	Volume*	Open Interest
<b>DME Oman Crude (\$/bbl), **</b>						
JUN Asia	49.32			1.06	555	
JUN	50.05	48.99	49.60	1.15	555	8851
JUL	50.35	50.35	50.35	1.20	0	259
AUG	50.70	50.70	50.70	1.25	0	10
SEP	51.15	51.15	51.15	1.28	0	15

Total volumes: Crude, 397981; DME Oman 1355; Heating Oil, 73680; RBOB Gasoline, 2864; Natural Gas, 640806; \*\* Oman settlements are Post Close settlements

	Settlement	Low	High	Change	Volume*	Open Interest
<b>ICE/IPE Brent (\$/Bbl)</b>						
JUN	50.78	49.25	51.28	0.79	107933	139003
JUL	51.80	50.28	52.30	0.80	60786	127179
AUG	52.85	52.02	53.26	0.77	24148	52164
SEP	53.78	53.21	54.14	0.76	8836	35169

	Settlement	Low	High	Change	Volume*	Open Interest
<b>ICE/IPE BWAVE (Brent Weighted Futures Average) (\$/Bbl)</b>						
JUN (1)	49.38					
JUL (1)	50.40					

BWAVE data refer to the previous business day.

	Settlement	Low	High	Change	Volume*	Open Interest
<b>ICE/IPE WTI (\$/Bbl)</b>						
JUN	50.97	49.15	51.63	1.05	74333	101116
JUL	52.21	50.55	52.80	1.12	36528	58965
AUG	53.31	52.25	53.66	1.13	11166	29245
SEP	54.32	53.52	54.64	1.13	3926	27037

	Settlement	Low	High	Change	Volume*	Open Interest
<b>ICE/IPE Gasoil (\$/Mtt)</b>						
MAY	427.50	423.00	437.00	7.75	28984	56402
JUN	434.50	426.00	443.50	8.25	29532	92479
JUL	443.25	439.50	451.50	8.50	5265	42532
AUG	452.75	449.50	460.75	8.50	1628	31361

Total volumes: Brent, 234446; Mideast O; WTI 142986; Gasoil, 99516 \* --- ICE Volumes are current day's figures.

**PLATTS Index**

Jet Kerosene	273.03	4.59
Gasoline	237.35	6.58
Gasoil	292.60	3.44
Naphtha	283.38	6.59
Resid	335.18	9.26
Atlantic Sweet Crude	316.53	9.74
Mediterranean Sour Crude	328.39	10.19
PG/Asia Crude	344.84	8.02
U.S.Pipeline Crude	301.36	5.56

Platts indexes reflect the value of baskets of various grades of crude and oil products with reference to a base period equal to 100, using average prices for the period Jul 1987-Dec 1988. Indexes have been published since July 1990. No adjustment is made for inflation.