



PLAINS MARKETING, L.P.

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HOUSTON, TX 77002

CALIFORNIA CRUDE OIL PRICE BULLETIN

Effective 7:00 A.M. on the date(s) shown, Plains Marketing, L.P. will post the following prices per barrel for marketable crude oil and condensate delivered for its account into the custody of its authorized carrier(s) or receiving agent(s). Prices for oil apply to quantities measured by approved automatic custody transfer facilities or 100% tank table with customary adjustment of volume and gravity for temperature and full deduction for basic sediment and water. All prices may be subject to deduction for truck and/or pipeline charges where applicable. For other requests concerning Plains Marketing L.P.'s price bulletin, please call Christian deCardenas at (713) 993-5255. The following prices are for informational purposes only, do not constitute an offer, and are subject to change or revisions without notice.

Effective December 1, 2017 Plains Marketing, L.P. will no longer publish the following postings (also marked below with **): Belgian Anticline, Cymric, Mountain View, Pt Arguello, Santa Maria Area, Yowlumne.

AREA/TYPE	Bulletin: Effective Date:	228 11/27/17	229 11/28/17	230 11/29/17	231 11/30/17	17-Nov EDQ					
							POSTED GRAV				
CALIFORNIA:											
**Belgian Anticline	34	*	60.05	*	59.99	*	59.32	*	59.42	*	58.8660
Bellevue	34	*	60.50	*	60.44	*	59.77	*	59.87	*	59.3160
Belridge Heavy (27 & under)	14	*	53.90	*	53.84	*	53.17	*	53.27	*	52.7160
Buena Vista Hills	26	*	61.81	*	61.75	*	61.08	*	61.18	*	60.6257
**Cymric	13	*	53.45	*	53.39	*	52.72	*	52.82	*	52.2660
Edison Field	18	*	54.25	*	54.19	*	53.52	*	53.62	*	53.0660
Fruitvale	16	*	54.20	*	54.14	*	53.47	*	53.57	*	53.0160
Huntington Beach	20	*	56.45	*	56.39	*	55.72	*	55.82	*	55.2660
Kern Front	13	*	53.45	*	53.39	*	52.72	*	52.82	*	52.2660
Kern River Area	13	*	53.45	*	53.39	*	52.72	*	52.82	*	52.2660
Kettleman Hills	34	*	61.35	*	61.29	*	60.62	*	60.72	*	60.1660
Long Beach (Signal Hill)	27	*	59.90	*	59.84	*	59.17	*	59.27	*	58.7160
Lost Hills	28	*	60.35	*	60.29	*	59.62	*	59.72	*	59.1660
Midway-Sunset	13	*	56.94	*	56.88	*	56.21	*	56.31	*	55.7560
**Mountain View	32	*	60.06	*	60.00	*	59.33	*	59.43	*	58.8760
Newport	15	*	53.30	*	53.24	*	52.57	*	52.67	*	52.1160
**Pt Arguello	19	*	48.83	*	48.77	*	48.10	*	48.20	*	47.6460
Rosecrans	34	*	61.05	*	60.99	*	60.32	*	60.42	*	59.8660
**Santa Maria Area	15	*	53.40	*	53.34	*	52.67	*	52.77	*	52.2160
Torrance	20	*	55.80	*	55.74	*	55.07	*	55.17	*	54.6160
Ventura	28	*	60.45	*	60.39	*	59.72	*	59.82	*	59.2660
Wilmington	17	*	54.20	*	54.14	*	53.47	*	53.57	*	53.0160
**Yowlumne	31	*	62.45	*	62.39	*	61.72	*	61.82	*	61.2660

Prices for crude oil and condensate will be adjusted to the nearest one-tenth degree API using the following price adjustments for gravity variations from the posted gravity.

Gravity Range Degree API	Price Adjustment \$/BBL/Tenth Degree API				
Above 40 degrees	0.000	0.000	0.000	0.000	0.000
34.0 to 40.0 degrees	0.010	0.010	0.010	0.010	0.010
20.0 to 34.0 degrees	0.0353	0.0353	0.0353	0.0353	0.0353
Below 20.0 degrees	0.0353	0.0353	0.0353	0.0353	0.0353