

Day

PERMISIONARIO: Kinder Morgan Gas Natural Mexico, S. de R.L. de C.V.
PUNTO DE MEDICIÓN: PEMEX/KMGNM Estación M1: 40572
ZONA DE MEDICIÓN: RESTO DEL PAÍS

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
01/10/2015	95,7119	1,6706	0,1240	1,7946	2,1497	266,9500	48,7300	38,0025	49,6100	0,9600		
02/10/2015	95,8584	1,7439	0,1164	1,8604	1,9544	266,5300	45,2800	37,9097	49,5100	0,9000		
03/10/2015	96,1424	1,8294	0,1086	1,9380	1,6237	265,3900	40,3100	37,7656	49,3700	1,1600		
04/10/2015	96,2288	1,8302	0,1122	1,9425	1,4809	267,6800	36,7300	37,7667	49,3700	1,1800		
05/10/2015	96,2114	1,8716	0,1105	1,9821	1,4786	267,6300	55,8100	37,7353	49,3200	1,3400		
06/10/2015	96,1878	1,9144	0,1054	2,0198	1,4460	269,4000	70,2000	37,7299	49,2900	1,4600		
07/10/2015	96,1261	1,8418	0,1121	1,9540	1,5898	269,2000	69,3100	37,7830	49,3700	1,3600		
08/10/2015	96,1248	1,8545	0,1163	1,9708	1,5918	267,7000	67,6600	37,7613	49,3500	1,3300		
09/10/2015	96,0598	1,8684	0,1144	1,9828	1,6239	268,3200	68,9400	37,7821	49,3500	1,3300		
10/10/2015	96,1190	1,9045	0,1089	2,0134	1,5281	267,9000	68,7800	37,7443	49,3100	1,5000		
11/10/2015	96,2989	1,9709	0,1012	2,0721	1,2974	268,3800	76,9000	37,6552	49,2100	1,6800		
12/10/2015	96,1739	1,9949	0,1032	2,0982	1,3777	269,6500	80,6600	37,6846	49,2100	1,6700		
13/10/2015	95,9816	1,9414	0,1124	2,0539	1,6115	269,9400	70,4000	37,7675	49,2900	1,5500		
14/10/2015	95,9746	1,9151	0,1144	2,0295	1,6466	268,9600	69,4600	37,7832	49,3200	1,6200		
15/10/2015	95,9578	1,9082	0,1128	2,0210	1,6544	269,1800	49,0200	37,8035	49,3400	1,5700		
16/10/2015	95,6269	1,7933	0,1144	1,9078	2,0921	267,5900	42,3000	37,9724	49,5100	1,2000		
17/10/2015	95,7172	1,8415	0,1153	1,9569	1,9634	267,1200	39,2750	37,9086	49,4400	1,2950		
18/10/2015	95,8074	1,8897	0,1162	2,0060	1,8346	266,6500	36,2500	37,8448	49,3700	1,3900		
19/10/2015	96,2000	1,9638	0,1066	2,0704	1,3782	267,2800	37,3500	37,6945	49,2400	1,6500		
20/10/2015	96,0147	1,9645	0,1079	2,0725	1,5360	268,9800	60,7900	37,7589	49,2800	1,7000		
21/10/2015	95,9067	1,8954	0,1103	2,0057	1,7300	269,0500	66,0600	37,8238	49,3600	1,1300		
22/10/2015	95,8853	1,9213	0,1099	2,0313	1,7214	268,5900	46,5300	37,8150	49,3400	1,2500		
23/10/2015	95,8909	1,9043	0,1088	2,0132	1,7285	267,9200	38,2050	37,8261	49,3550	1,2850		
24/10/2015	95,8936	1,8958	0,1083	2,0041	1,7320	267,5850	34,0425	37,8316	49,3625	1,3025		
25/10/2015	95,8964	1,8873	0,1077	1,9950	1,7355	267,2500	29,8800	37,8372	49,3700	1,3200		
26/10/2015	96,0970	1,9023	0,1032	2,0055	1,5092	268,1300	41,3500	37,7863	49,3400	1,3400		
27/10/2015	95,8125	1,8995	0,1083	2,0078	1,8070	268,0800	63,5600	37,8539	49,3800	1,2800		
28/10/2015	96,0022	1,9257	0,1038	2,0295	1,6254	267,5100	66,6000	37,7706	49,3100	1,2300		
29/10/2015	96,0431	1,9208	0,1060	2,0269	1,5769	267,9200	79,0600	37,7661	49,3100	1,2600		
30/10/2015	96,1025	1,9457	0,1065	2,0523	1,4985	268,9100	70,3100	37,7316	49,2700	1,3500		
31/10/2015	96,1570	1,9737	0,1048	2,0785	1,4246	268,2500	80,7300	37,6947	49,2300	1,5100		

Mínimo	95,6269	1,6706	0,1012	1,7946	1,2974	265,3900	29,8800	37,6552	49,2100	0,9000		
Promedio	96,0068	1,8898	0,1100	1,9999	1,6435	268,0524	56,4672	37,7932	49,3448	1,3581		
Máximo	96,2989	1,9949	0,1240	2,0982	2,1497	269,9400	80,7300	38,0025	49,6100	1,7000		
Desv. Est.	0,169282168	0,068215895	0,004970159	0,064409579	0,202842542	1,006188245	16,06100657	0,078511	0,085698976	0,198683131		

Observaciones:

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FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01/10/2015	95,9654	1,7514	0,1296	1,8693	2,4210	269,7500	55,8000	38,1446	49,7300	1,1700
02/10/2015	96,1121	1,7921	0,1209	1,9049	2,1940	267,4600	51,7800	38,0999	49,6400	1,2000
03/10/2015	96,2853	1,8934	0,1124	2,0016	1,8400	266,6500	43,6000	37,8279	49,4400	1,3600
04/10/2015	96,4038	1,9009	0,1180	2,0110	1,5854	268,8100	40,6900	37,8316	49,4800	1,3800
05/10/2015	96,2753	1,9181	0,1154	2,0265	1,5273	269,4300	68,5300	37,7496	49,3700	1,5000
06/10/2015	96,4343	1,9852	0,1132	2,0890	1,6767	271,2300	77,1900	37,8539	49,3800	1,6100
07/10/2015	96,2177	1,8893	0,1167	1,9984	1,6603	271,1200	75,0400	37,8390	49,4300	1,5300
08/10/2015	96,2209	1,9227	0,1224	2,0338	1,6887	268,8100	69,8600	37,7906	49,3900	1,4100
09/10/2015	96,1677	1,9673	0,1180	2,0751	1,7163	269,9600	71,9000	37,8353	49,4200	1,4700
10/10/2015	96,2796	1,9451	0,1143	2,0486	1,9437	269,0300	78,0700	37,8987	49,4200	1,6500
11/10/2015	96,4826	2,0115	0,1088	2,1121	1,4628	269,4900	90,0800	37,7422	49,3100	1,9200
12/10/2015	96,2783	2,0300	0,1105	2,1310	1,5024	270,2000	95,5300	37,7385	49,2800	1,7900
13/10/2015	96,2238	2,0307	0,1208	2,1291	1,7667	270,8100	93,6700	37,8353	49,3500	1,6600
14/10/2015	96,0987	1,9618	0,1191	2,0756	1,7362	271,2600	83,6200	37,8539	49,3700	1,7300
15/10/2015	96,0991	1,9591	0,1214	2,0691	1,8590	271,3700	59,2800	37,8800	49,4100	1,7700
16/10/2015	95,8136	1,8559	0,1209	1,9730	2,4174	268,6200	49,7100	38,1073	49,6700	1,4300
17/10/2015	95,8729	1,8921	0,1209	2,0075	2,2235	268,3850	44,8750	38,0086	49,5500	1,6100
18/10/2015	95,9321	1,9282	0,1209	2,0419	2,0296	268,1500	40,0400	37,9098	49,4300	1,7900
19/10/2015	96,4395	2,0699	0,1139	2,1708	1,6439	269,7900	58,1100	37,7757	49,3300	1,8500
20/10/2015	96,1517	2,0636	0,1136	2,1743	1,7539	270,0100	75,5200	37,8465	49,3800	1,9200
21/10/2015	96,1045	1,9672	0,1139	2,0721	2,0781	269,5500	80,7200	37,9545	49,5000	1,8300
22/10/2015	96,1243	2,0005	0,1174	2,1035	1,9661	270,3300	49,7000	37,9024	49,4600	1,5600
23/10/2015	96,1631	1,9912	0,1159	2,0948	2,0757	269,2350	42,1400	37,9471	49,4650	1,5800
24/10/2015	96,1825	1,9865	0,1151	2,0905	2,1305	268,6875	38,3600	37,9694	49,4675	1,5900
25/10/2015	96,2019	1,9818	0,1143	2,0861	2,1853	268,1400	34,5800	37,9918	49,4700	1,6000
26/10/2015	97,1333	1,9931	0,1182	2,0963	2,0375	276,3400	61,7200	38,2116	50,0900	1,6600
27/10/2015	96,1388	1,9953	0,1161	2,0967	2,6200	269,5900	77,5000	38,1483	49,6900	1,5700
28/10/2015	96,4558	2,0720	0,1185	2,1702	2,6045	269,6300	73,7400	38,1483	49,6700	1,6100
29/10/2015	96,1617	1,9982	0,1095	2,1030	1,8636	269,8700	84,6000	37,8614	49,4100	1,4900
30/10/2015	96,1947	2,0528	0,1130	2,1556	1,6380	270,2700	81,3800	37,7981	49,3500	1,6200
31/10/2015	96,2177	2,0012	0,1073	2,1068	1,4796	268,9800	84,0800	37,7273	49,2700	1,5800

Máximo	97,1333	2,0720	0,1296	2,1743	2,6200	276,3400	95,5300	38,2116	50,0900	1,9200
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FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)
01/10/2015	95,4251	1,5964	0,1164	1,7227	1,8763	265,7100	41,6100	37,8726	49,4900	0,7700
02/10/2015	95,4525	1,7037	0,1117	1,8207	1,6895	265,7900	37,1700	37,7981	49,4200	0,6300
03/10/2015	95,9457	1,7850	0,1051	1,8953	1,3932	264,2000	35,7000	37,6975	49,3000	0,9100
04/10/2015	96,0288	1,7217	0,1053	1,8397	1,3876	266,8000	33,4200	37,7124	49,3100	0,8500
05/10/2015	96,1646	1,8263	0,1080	1,9374	1,4417	266,4100	33,3700	37,7161	49,2900	1,0900
06/10/2015	95,9009	1,8045	0,0986	1,9177	1,2043	268,1900	62,3100	37,6490	49,2300	1,3000
07/10/2015	95,9686	1,7739	0,1080	1,8906	1,5107	267,6000	62,4400	37,7496	49,3400	1,2400
08/10/2015	96,0461	1,8005	0,1111	1,9217	1,5038	266,4900	62,4400	37,7273	49,2900	1,1400
09/10/2015	95,9450	1,8046	0,1078	1,9214	1,4996	267,2900	63,2600	37,7198	49,2600	1,1700
10/10/2015	95,6722	1,8765	0,1035	1,9901	1,4079	267,2800	58,3700	37,6863	49,2700	1,3100
11/10/2015	96,1423	1,9008	0,0961	2,0096	1,1339	266,6800	62,4700	37,5671	49,1500	1,4700
12/10/2015	96,0770	1,9526	0,0983	2,0631	1,2736	269,0400	58,0600	37,6416	49,1800	1,5500
13/10/2015	95,8269	1,8905	0,0984	2,0069	1,3011	269,0600	49,2900	37,6490	49,1700	1,4600
14/10/2015	95,7943	1,8465	0,1116	1,9613	1,5805	267,3500	47,8400	37,7422	49,2900	1,5100
15/10/2015	95,7724	1,8514	0,1066	1,9715	1,4988	268,0000	40,6900	37,7385	49,2700	1,3300
16/10/2015	95,3963	1,6861	0,1072	1,8070	1,8527	266,8000	36,4400	37,8875	49,4300	0,5800
17/10/2015	95,5093	1,7779	0,1094	1,8984	1,7698	266,0900	33,9050	37,8390	49,3750	0,8100
18/10/2015	95,6223	1,8696	0,1115	1,9898	1,6869	265,3800	31,3700	37,7906	49,3200	1,0400
19/10/2015	96,0014	1,9067	0,0994	2,0176	1,1859	266,0800	31,3900	37,6416	49,1700	1,2100
20/10/2015	95,8564	1,8970	0,1023	2,0040	1,3587	267,5400	41,4500	37,6863	49,1700	1,4200
21/10/2015	95,6121	1,8048	0,1048	1,9169	1,5078	268,2800	47,1100	37,7273	49,2600	0,3100
22/10/2015	95,7536	1,8184	0,1030	1,9358	1,4433	267,0100	40,7700	37,7012	49,2300	0,8800
23/10/2015	95,5700	1,8210	0,1008	1,9320	1,4547	266,7200	33,0000	37,7254	49,2550	0,9400
24/10/2015	95,4781	1,8222	0,0997	1,9301	1,4603	266,5750	29,1150	37,7375	49,2675	0,9700
25/10/2015	95,3863	1,8235	0,0986	1,9282	1,4660	266,4300	25,2300	37,7496	49,2800	1,0000
26/10/2015	95,5836	1,1782	0,0735	1,2517	0,8626	267,0300	25,3900	37,6826	49,2200	0,6800
27/10/2015	95,2005	1,7009	0,0980	1,8139	1,4048	267,2000	41,7800	37,7161	49,2400	0,5400
28/10/2015	95,1424	1,6846	0,0970	1,8031	1,1288	265,7100	57,3600	37,5894	49,1600	0,4600
29/10/2015	95,8296	1,8410	0,0996	1,9478	1,3941	266,2300	70,2600	37,7049	49,2300	1,0500
30/10/2015	95,9456	1,8834	0,1008	1,9911	1,3337	268,0300	53,0900	37,6751	49,2000	0,7400
31/10/2015	96,0977	1,9506	0,1018	2,0579	1,3696	267,5400	70,6700	37,6714	49,2100	1,3800

Mínimo	95,1424	1,1782	0,0735	1,2517	0,8626	264,2000	25,2300	37,5671	49,1500	0,3100
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