

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)
01/11/2015	96,3776	1,9791	0,0977	2,0769	1,2094	267,9200	80,3400	37,6313	49,2000	1,6400		
02/11/2015	95,7579	2,0772	0,0958	2,1731	1,6913	268,5700	91,6000	37,7614	49,2100	2,2200		
03/11/2015	95,4506	2,0164	0,0989	2,1153	2,0385	269,4000	87,5700	37,8959	49,3200	2,1900		
04/11/2015	95,4205	1,9783	0,1070	2,0854	2,0561	270,3300	72,0500	37,9435	49,3800	2,0500		
05/11/2015	95,3316	1,8383	0,1117	1,9500	2,2625	269,4100	47,9600	38,0671	49,5400	1,4100		
06/11/2015	95,2971	1,8691	0,1131	1,9823	2,2772	268,7300	44,6700	38,0468	49,5100	1,6800		
07/11/2015	95,1484	1,8145	0,1118	1,9263	2,5241	267,7500	54,9900	38,1047	49,5800	0,5500		
08/11/2015	95,6087	1,9935	0,1009	2,0944	1,9079	268,2200	74,0300	37,8612	49,3200	1,7100		
09/11/2015	95,5591	2,0356	0,0980	2,1336	1,9056	268,8800	83,6300	37,8564	49,2900	2,0700		
10/11/2015	95,4298	1,9998	0,1074	2,1072	2,0499	269,8900	70,6300	37,9164	49,3400	1,9600		
11/11/2015	94,9851	1,8901	0,1134	2,0035	2,5379	269,1700	47,9300	38,1348	49,5400	0,8400		
12/11/2015	95,3149	1,9752	0,1056	2,0808	2,1799	268,6200	46,2500	37,9724	49,4000	1,4700		
13/11/2015	95,4689	2,0420	0,0981	2,1402	1,9907	268,2100	49,6000	37,8794	49,3000	1,9500		
14/11/2015	95,4705	2,0367	0,0967	2,1334	1,9967	267,1600	34,9000	37,8800	49,3100	1,5500		
15/11/2015	95,2662	1,9040	0,1109	2,0149	2,3225	267,4600	33,6500	38,0149	49,4600	1,2200		
16/11/2015	95,4442	1,9636	0,1057	2,0693	2,0925	268,3200	38,9600	37,9308	49,3800	1,7000		
17/11/2015	95,3976	1,9664	0,1045	2,0709	2,1389	268,1600	37,3900	37,9413	49,3800	1,7900		
18/11/2015	95,1973	1,9629	0,1051	2,0680	2,3345	268,4100	58,2200	38,0052	49,4200	1,8200		
19/11/2015	95,1794	1,9091	0,1059	2,0151	2,4183	268,3800	83,8800	38,0378	49,4800	1,5200		
20/11/2015	95,2481	1,9214	0,1041	2,0256	2,3448	268,1800	82,8100	38,0087	49,4600	1,0400		
21/11/2015	95,3124	1,9310	0,1035	2,0345	2,2552	268,9200	89,4500	37,9926	49,4400	1,3900		
22/11/2015	95,4643	1,9887	0,0984	2,0871	2,0660	267,7600	86,3500	37,9067	49,3500	1,8700		
23/11/2015	95,5092	2,0157	0,0957	2,1115	1,9837	267,3100	91,1300	37,8838	49,3200	2,4800		
24/11/2015	95,4026	1,9936	0,0990	2,0926	2,1059	268,7900	96,3700	37,9303	49,3600	2,1600		
25/11/2015	95,2317	1,8845	0,1054	1,9900	2,3855	268,2600	102,6600	38,0421	49,5000	1,7100		
26/11/2015	95,3439	1,8756	0,1101	1,9857	2,3169	267,2100	102,3900	37,9927	49,4700	1,6500		
27/11/2015	95,2878	1,9170	0,1057	2,0227	2,2927	269,0200	103,7800	38,0090	49,4600	1,9000		
28/11/2015	95,2958	1,8849	0,1050	1,9899	2,3129	268,5800	87,4800	38,0283	49,4900	1,4200		
29/11/2015	95,3860	1,9390	0,1033	2,0424	2,2100	266,0800	78,5000	37,9451	49,4100	1,6700		
30/11/2015	95,4495	1,9969	0,0948	2,0917	2,0679	267,6100	87,2500	37,9120	49,3500	2,5100		

Mínimo	94,9851	1,8145	0,0948	1,9263	1,2094	266,0800	33,6500	37,6313	49,2000	0,5500		
Promedio	95,4012	1,9533	0,1038	2,0571	2,1425	268,3570	71,5473	37,9511	49,3990	1,7047		
Máximo	96,3776	2,0772	0,1134	2,1731	2,5379	270,3300	103,7800	38,1348	49,5800	2,5100		
Desv. Est.	0,237671826	0,064851158	0,005536084	0,060304993	0,261125937	0,872053265	22,4625446	0,101375549	0,095207577	0,438215294		

Observaciones:

Date

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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 Sulfidrico (mg/m ³)
01/11/2015	96,5759	2,0193	0,1074	2,1142	1,4860	269,5800	85,5900	37,7347	49,3000	1,7700
02/11/2015	96,1818	2,1163	0,1010	2,2129	1,8515	269,5900	100,9500	37,8428	49,2600	2,4000
03/11/2015	95,7290	2,0815	0,1073	2,1759	2,6250	270,8300	97,2600	38,1185	49,5500	2,6000
04/11/2015	95,5384	2,0296	0,1089	2,1362	2,4046	271,5100	91,3000	38,0775	49,4900	2,1300
05/11/2015	95,5201	1,9774	0,1170	2,0856	2,4812	270,4100	54,3900	38,1408	49,6200	1,7300
06/11/2015	95,5277	2,0510	0,1182	2,1588	2,6958	269,9700	49,2500	38,1781	49,6600	2,0000
07/11/2015	95,5400	1,9604	0,1181	2,0644	2,9872	268,5900	66,2700	38,2489	49,6900	1,2100
08/11/2015	95,7281	2,0345	0,1074	2,1317	2,1301	268,7200	79,7600	37,9322	49,3800	1,9700
09/11/2015	95,6916	2,0569	0,1022	2,1514	1,9768	270,0300	86,0400	37,8912	49,3300	2,2300
10/11/2015	95,5397	2,0382	0,1123	2,1428	2,4887	270,5900	81,9700	38,0812	49,4900	2,1300
11/11/2015	95,3514	2,0164	0,1189	2,1243	3,1397	270,6400	52,5800	38,3532	49,7900	1,4700
12/11/2015	95,5373	2,0698	0,1188	2,1678	2,4631	269,8600	78,3600	38,0626	49,4900	1,9300
13/11/2015	95,6923	2,1095	0,1033	2,2028	2,1622	269,8000	82,5900	37,9471	49,3700	2,5100
14/11/2015	95,4705	2,0367	0,0967	2,1334	1,9967	267,1600	36,0500	37,8800	49,3100	2,1700
15/11/2015	95,4498	1,9536	0,1143	2,0608	2,5713	267,7700	35,1700	38,1073	49,5700	1,6400
16/11/2015	95,5003	2,0294	0,1094	2,1318	2,2414	269,2100	42,5800	37,9806	49,4500	2,0000
17/11/2015	95,5906	2,0257	0,1106	2,1279	2,3807	269,8400	42,9000	38,0365	49,5300	2,1000
18/11/2015	95,3458	2,0472	0,1105	2,1493	2,5122	269,7600	74,1400	38,0775	49,5000	2,1000
19/11/2015	95,2435	1,9393	0,1097	2,0447	2,5452	270,0200	88,4000	38,0961	49,5500	1,9200
20/11/2015	95,3008	1,9803	0,1142	2,0805	2,4707	268,9700	88,1900	38,0775	49,5500	1,7300
21/11/2015	95,4365	1,9756	0,1068	2,0792	2,4828	269,3500	95,1900	38,0849	49,5600	1,7200
22/11/2015	95,6576	2,0778	0,1067	2,1679	2,3344	269,0300	90,0600	38,0142	49,4600	2,5100
23/11/2015	95,6702	2,0770	0,0999	2,1674	2,0389	267,7700	95,5000	37,9285	49,3700	2,9500
24/11/2015	95,4750	2,0303	0,1033	2,1254	2,2292	269,3400	104,9300	37,9918	49,4300	2,7400
25/11/2015	95,3339	1,9861	0,1107	2,0856	2,6342	268,9700	108,2000	38,1595	49,6800	2,3300
26/11/2015	95,4446	1,9287	0,1134	2,0342	2,4411	268,3500	107,3300	38,0291	49,5200	1,8700
27/11/2015	95,4288	1,9618	0,1177	2,0681	2,5869	271,2100	110,7100	38,1669	49,6300	2,3400
28/11/2015	95,4039	1,9518	0,1090	2,0541	2,4238	270,2200	95,0300	38,0849	49,5600	1,7400
29/11/2015	95,6028	2,0394	0,1113	2,1307	2,4693	267,0900	82,4800	38,0626	49,5100	2,6800
30/11/2015	95,6555	2,0691	0,1062	2,1593	2,3387	268,8500	92,8700	38,0551	49,5100	3,0000

Máximo	96,5759	2,1163	0,1189	2,2129	3,1397	271,5100	110,7100	38,3532	49,7900	3,0000
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01/11/2015	96,0980	1,9127	0,0932	2,0196	1,0802	266,0800	69,8200	37,5633	49,1600	1,4400
02/11/2015	95,5488	2,0389	0,0935	2,1329	1,3178	267,2500	81,0200	37,6677	49,1800	1,8700
03/11/2015	94,9979	1,8681	0,0937	1,9748	1,7440	268,1200	79,0500	37,7645	49,2200	1,3900
04/11/2015	95,0934	1,9256	0,1048	2,0328	1,9661	269,5100	48,9900	37,8912	49,3300	1,7600
05/11/2015	95,1387	1,7444	0,1024	1,8611	2,0654	268,4700	42,2600	37,9806	49,4000	1,0700
06/11/2015	95,0176	1,7619	0,1067	1,8759	2,0709	267,7400	39,5500	37,9583	49,3400	0,5400
07/11/2015	94,7129	1,7345	0,1033	1,8515	2,0274	266,7000	38,7500	37,8875	49,3600	0,3400
08/11/2015	95,4097	1,9540	0,0963	2,0595	1,7601	267,3000	63,4300	37,8055	49,2700	1,3300
09/11/2015	95,5142	2,0028	0,0945	2,1036	1,7909	268,1800	80,9700	37,8092	49,2700	1,7100
10/11/2015	95,0412	1,9292	0,1021	2,0362	1,9322	269,2900	46,4200	37,8800	49,3100	1,3600
11/11/2015	94,5556	1,7185	0,1057	1,8351	2,0560	267,3700	40,2200	37,9545	49,3600	0,2300
12/11/2015	95,1130	1,9060	0,0980	2,0092	1,9387	267,5200	38,0600	37,8539	49,2900	1,0900
13/11/2015	95,3173	1,9902	0,0923	2,0892	1,7408	266,9100	35,8400	37,7794	49,2100	1,6300
14/11/2015	95,4705	2,0367	0,0967	2,1334	1,9967	267,1600	32,6500	37,8800	49,3100	0,6000
15/11/2015	95,0467	1,8282	0,1072	1,9402	2,1196	266,9300	32,1600	37,9359	49,4000	0,7900
16/11/2015	95,3539	1,9112	0,1024	2,0165	2,0226	267,7100	35,1700	37,9098	49,3500	1,4300
17/11/2015	95,1712	1,8217	0,1015	1,9264	1,9658	266,1400	30,7300	37,8763	49,3300	1,0500
18/11/2015	95,0524	1,9175	0,1007	2,0248	2,2020	267,3600	32,4400	37,9359	49,3300	1,4800
19/11/2015	95,0963	1,8533	0,1025	1,9630	2,3651	267,1400	73,8200	38,0030	49,4400	0,6500
20/11/2015	95,1935	1,8404	0,0982	1,9507	2,2513	267,3100	72,2000	37,9732	49,4000	0,1500
21/11/2015	95,1841	1,8352	0,1003	1,9397	2,1017	268,5400	82,5600	37,9359	49,3800	0,8400
22/11/2015	95,2492	1,9168	0,0901	2,0231	1,8677	267,0100	83,7200	37,8241	49,2600	1,0500
23/11/2015	95,4566	1,9793	0,0898	2,0776	1,8543	266,5300	86,8600	37,8092	49,2700	2,0600
24/11/2015	95,2941	1,9350	0,0949	2,0383	2,0156	267,9300	88,2500	37,8875	49,3200	1,3700
25/11/2015	95,1455	1,7272	0,0994	1,8357	2,1999	266,9600	97,6600	37,9657	49,3900	0,8500
26/11/2015	95,2691	1,8376	0,1054	1,9487	2,2212	266,2200	96,8500	37,9508	49,4300	1,3200
27/11/2015	95,0654	1,7914	0,1002	1,9091	2,1504	267,8600	94,8400	37,9247	49,3900	1,6200
28/11/2015	95,1976	1,8194	0,0999	1,9263	2,2325	267,3300	79,4700	37,9881	49,4400	1,0300
29/11/2015	95,1253	1,8624	0,0913	1,9737	1,9285	264,9200	74,7900	37,8279	49,2800	0,6000
30/11/2015	95,2245	1,8736	0,0882	1,9778	1,8023	266,4800	82,6700	37,8204	49,2600	1,8000

Mínimo	94,5556	1,7185	0,0882	1,8351	1,0802	264,9200	30,7300	37,5633	49,1600	0,1500
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