

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 Rocio (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)
1/8/15	95,9741	1,5851	0,1397	1,7248	1,9620	268,8000	68,4300	37,9800	49,6500	0,5600		
2/8/15	95,9914	1,5455	0,1389	1,6844	2,0047	268,6000	66,6300	37,9910	49,6800	0,5600		
3/8/15	96,0778	1,5686	0,1341	1,7028	1,8911	268,5900	69,3600	37,9597	49,6500	0,6800		
4/8/15	95,5582	1,5533	0,1406	1,6940	2,3689	269,2500	70,1300	38,1351	49,7600	0,7300		
5/8/15	95,5346	1,5373	0,1477	1,6851	2,3921	269,4800	61,6500	38,1472	49,7800	0,8400		
6/8/15	95,7849	1,5600	0,1359	1,6960	2,1964	267,6900	65,7800	38,0404	49,7000	0,9200		
7/8/15	95,8612	1,5558	0,1351	1,6909	2,1222	268,3500	64,1600	38,0261	49,7000	0,8700		
8/8/15	95,8290	1,5567	0,1353	1,6921	2,1578	267,7600	64,1600	38,0320	49,7000	0,7100		
9/8/15	95,8115	1,5724	0,1353	1,7077	2,1646	267,8800	62,5100	38,0242	49,6900	0,6700		
10/8/15	95,7047	1,5871	0,1351	1,7222	2,2377	268,6700	62,5700	38,0561	49,6900	0,6600		
11/8/15	95,8325	1,5504	0,1333	1,6838	2,1730	267,6400	62,7200	38,0309	49,7100	0,8500		
12/8/15	96,1915	1,5836	0,1300	1,7137	1,7929	267,7600	58,8000	37,9061	49,6100	0,8900		
13/8/15	96,1184	1,6393	0,1294	1,7687	1,7536	269,5800	46,9200	37,9221	49,5800	1,0900		
14/8/15	95,6688	1,5159	0,1363	1,6522	2,3501	266,2600	32,9800	38,1051	49,7700	0,9000		
15/8/15	95,8688	1,5733	0,1345	1,7079	2,1171	266,1700	32,3000	38,0000	49,6700	1,1200		
16/8/15	96,0656	1,6142	0,1308	1,7450	1,8624	266,9600	30,2100	37,9322	49,6100	1,2900		
17/8/15	95,9734	1,6057	0,1320	1,7378	1,9514	266,4100	29,1600	37,9681	49,6300	1,3200		
18/8/15	96,0216	1,5974	0,1364	1,7338	1,9201	266,5600	30,0500	37,9494	49,6300	1,1000		
19/8/15	96,1284	1,5983	0,1332	1,7315	1,7985	268,2600	42,6900	37,9269	49,6100	1,0400		
20/8/15	96,0380	1,6061	0,1337	1,7399	1,8781	268,9200	60,4000	37,9486	49,6200	0,8900		
21/8/15	96,0695	1,6000	0,1335	1,7336	1,8460	268,4600	60,9600	37,9449	49,6200	0,9100		
22/8/15	96,0661	1,7067	0,1237	1,8305	1,7156	271,0300	45,3700	37,9091	49,5300	1,3400		
23/8/15	95,6738	1,6646	0,1307	1,7954	2,1498	269,5600	56,9800	38,0388	49,6300	1,3900		
24/8/15	95,2025	1,5651	0,1514	1,7166	2,6236	269,7000	37,3500	38,2625	49,8200	1,1000		
25/8/15	95,7889	1,6435	0,1349	1,7784	2,0928	269,2700	42,4000	37,9974	49,6200	1,2900		
26/8/15	96,0449	1,6687	0,1231	1,7919	1,8245	269,5000	68,9000	37,9173	49,5600	1,0600		
27/8/15	95,6172	1,6668	0,1251	1,7919	2,2087	270,3100	72,3000	38,0601	49,6500	1,0600		
28/8/15	95,6753	1,6377	0,1293	1,7670	2,1960	269,9400	66,9500	38,0488	49,6600	0,8500		
29/8/15	95,5682	1,6771	0,1316	1,8087	2,2419	270,5200	62,7000	38,0617	49,6400	0,9700		
30/8/15	95,4453	1,6892	0,1284	1,8177	2,3434	269,6700	51,4800	38,0964	49,6500	1,0700		
31/8/15	95,8030	1,7752	0,1202	1,8955	1,9164	269,2600	47,9500	37,9386	49,5000	1,3600		

Mínimo	95,2025	1,5159	0,1202	1,6522	1,7156	266,1700	29,1600	37,9061	49,5000	0,5600		
Promedio	95,8384	1,6065	0,1335	1,7400	2,0727	268,6068	54,6758	38,0115	49,6555	0,9706		
Máximo	96,1915	1,7752	0,1514	1,8955	2,6236	271,0300	72,3000	38,2625	49,8200	1,3900		
Desv. Est.	0,233687172	0,058182742	0,006383558	0,053468707	0,221738743	1,271352002	13,87266804	0,081545536	0,069705988	0,238438468		

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)
01/08/2015	96,0974	1,6256	0,1419	1,7665	2,0550	269,9700	77,6200	38,0067	49,7000	0,6600
02/08/2015	96,7242	1,6316	0,1511	1,7565	2,2198	270,7200	71,8000	38,0477	49,8000	0,7000
03/08/2015	96,2602	1,6212	0,1442	1,7502	2,0008	271,1000	73,4100	38,0104	49,7200	0,7700
04/08/2015	96,3087	1,6265	0,1499	1,7557	2,7018	271,3200	76,7700	38,3122	49,9200	0,8700
05/08/2015	96,0228	1,8563	0,1669	2,0031	2,7568	272,3600	69,2900	38,2861	49,9600	1,3800
06/08/2015	95,9474	1,6031	0,1378	1,7385	2,3887	269,5000	73,8600	38,1036	49,7800	1,1200
07/08/2015	96,0882	1,5970	0,1437	1,7321	2,3657	269,4000	72,4300	38,1222	49,7700	1,0900
08/08/2015	95,9425	1,5984	0,1372	1,7356	2,4308	269,8300	71,8500	38,1185	49,8000	0,7900
09/08/2015	95,9698	1,6053	0,1374	1,7409	2,3443	268,9900	69,1300	38,0849	49,7500	0,7800
10/08/2015	95,9142	1,6565	0,1411	1,7972	2,5168	270,7500	71,8400	38,1632	49,7500	0,8300
11/08/2015	96,0989	1,6666	0,1651	1,7911	2,8997	270,2300	67,9600	38,3346	49,9600	1,1100
12/08/2015	96,3335	1,6342	0,1360	1,7659	2,0167	269,8500	66,4300	37,9694	49,7100	1,0700
13/08/2015	96,3817	1,7838	0,1371	1,9160	2,3700	270,8400	68,6300	38,1706	49,8400	1,4300
14/08/2015	95,9641	1,5950	0,1403	1,7332	2,8914	267,9600	37,2900	38,3159	50,0100	1,0100
15/08/2015	95,9445	1,6083	0,1392	1,7427	2,2346	267,1600	37,1100	38,0551	49,7400	1,3500
16/08/2015	96,3030	1,6774	0,1393	1,8035	2,0983	267,8900	35,3800	38,0216	49,6700	1,4500
17/08/2015	96,1461	1,6393	0,1345	1,7699	2,1454	267,1400	33,8100	38,0402	49,7100	1,6000
18/08/2015	96,1655	1,6433	0,1391	1,7818	2,0821	267,2900	33,6600	38,0253	49,7000	1,2600
19/08/2015	96,2711	1,6845	0,1413	1,8147	2,0215	272,7600	60,5300	38,0104	49,7000	1,1700
20/08/2015	96,1282	1,6697	0,1389	1,7982	1,9790	270,6300	67,6800	37,9918	49,6700	1,0400
21/08/2015	96,3371	1,6488	0,1394	1,7747	2,1815	273,7100	68,1300	38,0738	49,7200	1,0700
22/08/2015	96,2897	1,7357	0,1292	1,8576	1,8769	275,2900	68,4000	38,0104	49,6000	1,6100
23/08/2015	95,8536	1,7538	0,1398	1,8768	2,4104	270,8400	73,1000	38,1148	49,7000	1,6000
24/08/2015	95,3288	1,6850	0,1648	1,8255	2,7677	271,0700	48,4400	38,3383	49,9600	1,3200
25/08/2015	96,1524	1,7427	0,1614	1,8779	2,5304	275,1600	51,3500	38,2303	49,8300	1,9000
26/08/2015	96,1324	1,7394	0,1285	1,8589	1,9475	270,4700	75,1400	37,9881	49,6900	1,2100
27/08/2015	95,8042	1,7445	0,1367	1,8623	2,6395	271,5400	79,2100	38,2414	49,8600	1,3100
28/08/2015	95,9695	1,7149	0,1361	1,8442	2,5104	271,0600	76,9700	38,1371	49,7300	1,1700
29/08/2015	95,8938	1,7670	0,1410	1,8918	2,4765	271,7000	71,7900	38,1520	49,7300	1,2200
30/08/2015	95,7758	1,7546	0,1335	1,8842	2,6303	271,8200	75,0900	38,2414	49,7800	1,5100
31/08/2015	96,0622	1,8542	0,1288	1,9691	2,2395	272,8800	77,2200	38,2452	49,7100	1,5800
Máximo	96,7242	1,8563	0,1669	2,0031	2,8997	275,2900	79,2100	38,3383	50,0100	1,9000

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01/08/2015	95,8335	1,5460	0,1369	1,6853	1,8403	268,0000	59,5900	37,9396	49,6100	0,4900
02/08/2015	95,7524	1,4166	0,1249	1,5677	1,2142	267,5100	61,8300	37,7310	49,4800	0,3700
03/08/2015	95,9501	1,5110	0,1279	1,6552	1,6614	267,3700	62,5100	37,9098	49,6100	0,4800
04/08/2015	95,2141	1,4805	0,1292	1,6237	1,7238	268,1000	63,2600	37,9508	49,6400	0,6300
05/08/2015	95,0262	1,3667	0,1338	1,5336	1,9525	267,7900	56,1400	37,9471	49,4500	0,5200
06/08/2015	95,6416	1,5107	0,1322	1,6480	1,9950	266,4700	56,6200	37,9769	49,6400	0,7300
07/08/2015	95,6140	1,4953	0,1308	1,6390	1,8678	266,8400	55,6100	37,9322	49,6200	0,7000
08/08/2015	95,6386	1,4916	0,1335	1,6267	2,0420	266,8700	55,8200	37,9844	49,6600	0,6100
09/08/2015	95,6653	1,5372	0,1323	1,6733	1,9675	266,6600	55,5800	37,9657	49,6400	0,5500
10/08/2015	95,3666	1,5417	0,1301	1,6790	1,9495	267,1600	51,0400	37,9732	49,6100	0,5000
11/08/2015	95,1385	1,2924	0,1245	1,4575	1,9282	266,4500	51,6700	37,9396	49,6000	0,5300
12/08/2015	96,0615	1,5059	0,1240	1,6400	1,5885	265,4400	52,9500	37,8502	49,5500	0,7200
13/08/2015	95,6389	1,4773	0,1224	1,6110	1,5012	268,0800	27,5200	37,8279	49,4600	0,7800
14/08/2015	95,3016	1,3552	0,1315	1,4886	1,9357	265,0200	27,5900	37,9881	49,6500	0,7700
15/08/2015	95,7729	1,5243	0,1309	1,6573	2,0214	265,2100	26,7500	37,9545	49,6300	0,8700
16/08/2015	95,8057	1,5326	0,1261	1,6719	1,7242	266,2300	23,9600	37,8949	49,5700	1,0500
17/08/2015	95,7881	1,5613	0,1288	1,6925	1,7885	265,9800	24,2800	37,9136	49,5900	1,0500
18/08/2015	95,8653	1,5496	0,1330	1,6863	1,7238	265,6200	25,7300	37,8800	49,5600	1,0000
19/08/2015	95,9440	1,5501	0,1290	1,6862	1,6333	263,9100	27,5100	37,8689	49,5300	0,8600
20/08/2015	95,9587	1,5683	0,1285	1,7068	1,8001	267,4900	54,3900	37,9210	49,5800	0,7500
21/08/2015	95,7324	1,5395	0,1259	1,6789	1,6181	267,2900	54,4400	37,8390	49,5500	0,5800
22/08/2015	95,8113	1,6445	0,1190	1,7726	1,5063	269,2400	33,3100	37,8204	49,4700	0,9300
23/08/2015	95,3980	1,6241	0,1230	1,7535	1,8511	267,9200	34,2600	37,9508	49,5300	0,9400
24/08/2015	95,0473	1,4310	0,1357	1,5939	2,4200	266,7600	29,4100	38,1483	49,6900	0,8700
25/08/2015	95,3536	1,5301	0,1203	1,6915	1,7464	266,6900	31,1000	37,8800	49,5300	0,9400
26/08/2015	95,8703	1,5518	0,1183	1,6796	1,7196	268,4800	48,2800	37,8651	49,5000	0,8800
27/08/2015	95,3311	1,5150	0,1178	1,6405	2,0708	269,0700	59,5400	37,9694	49,5700	0,7600
28/08/2015	95,3464	1,5649	0,1228	1,6960	1,8519	268,8200	50,4500	37,9434	49,5700	0,6600
29/08/2015	95,3798	1,5435	0,1229	1,6753	2,0599	268,9300	38,3000	37,9881	49,5500	0,6500
30/08/2015	95,1810	1,6344	0,1213	1,7611	2,0434	267,6700	30,5000	37,9694	49,5500	0,6300
31/08/2015	95,2365	1,6469	0,1132	1,7709	1,6254	268,1000	30,5800	37,9981	49,3800	0,9600
Mínimo	95,0262	1,2924	0,1132	1,4575	1,2142	263,9100	23,9600	37,7310	49,3800	0,3700